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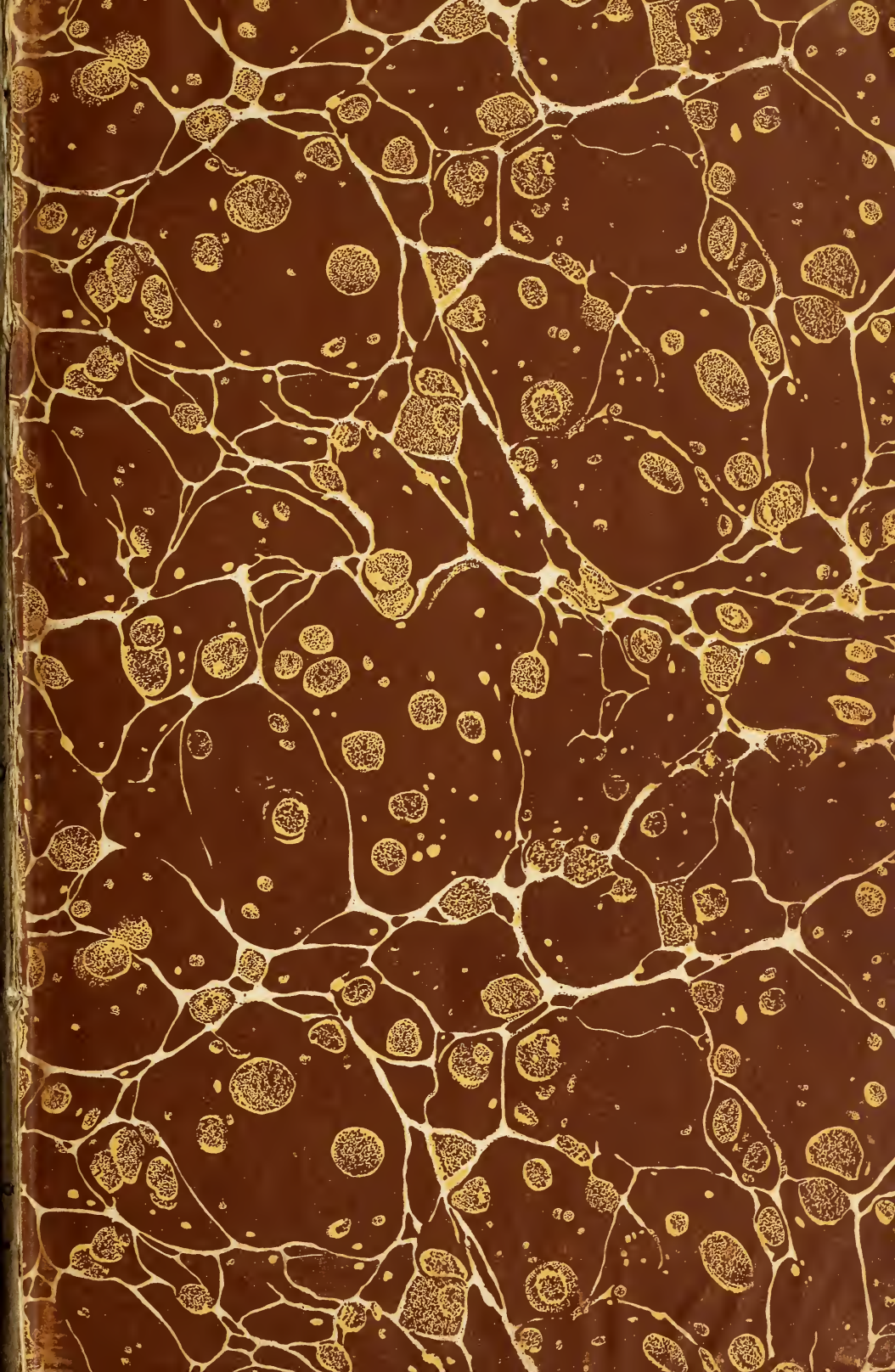
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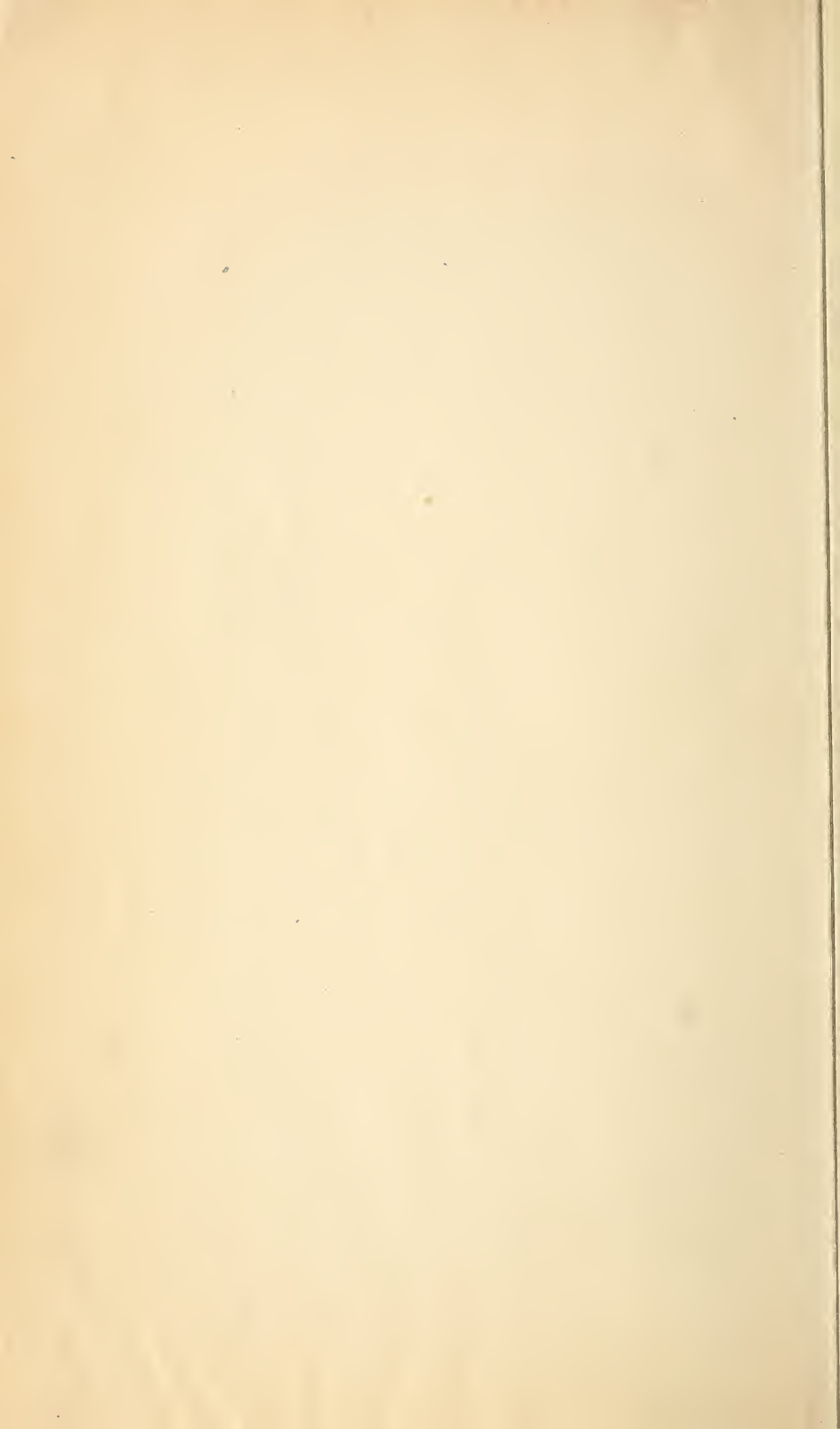
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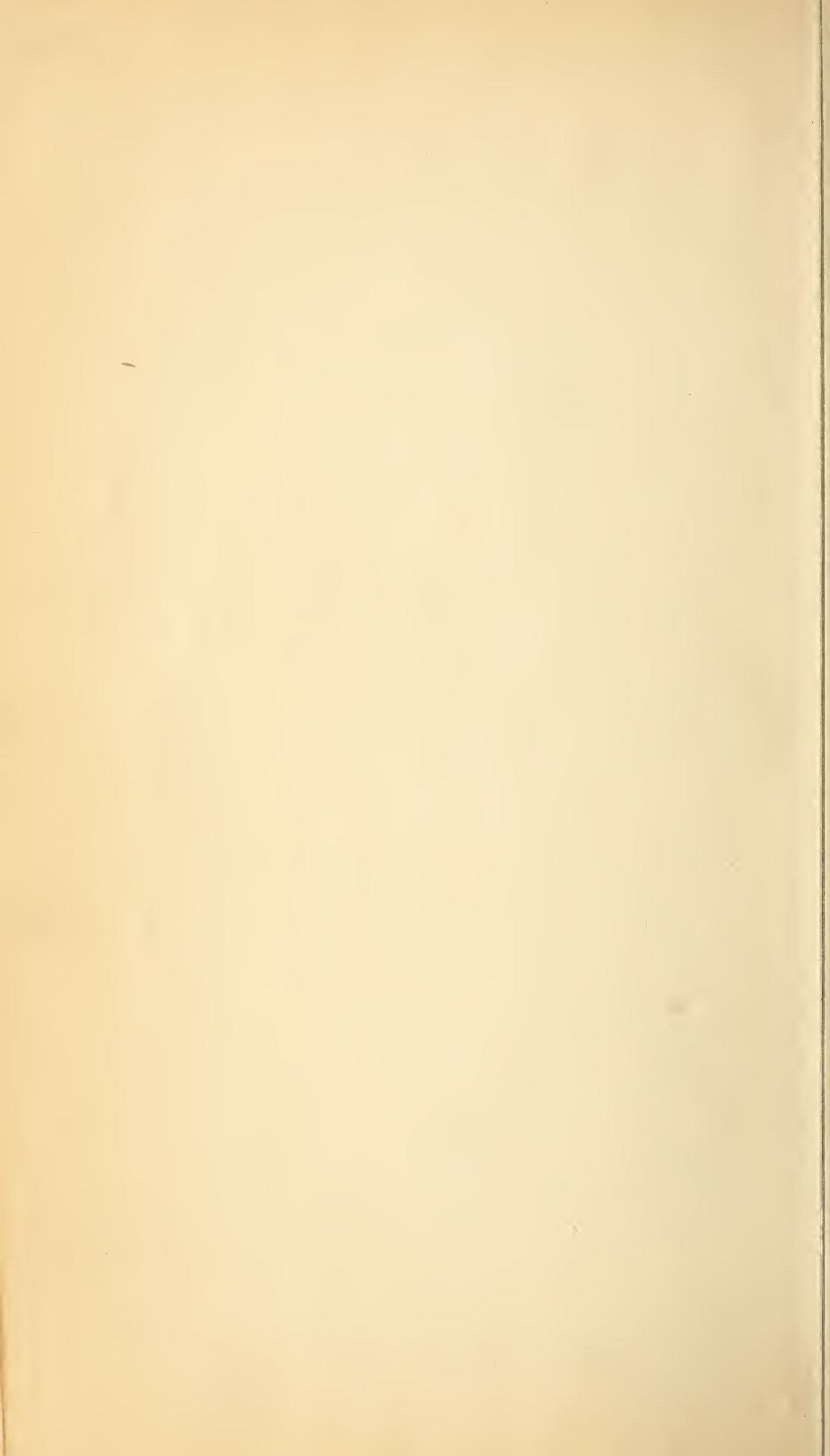




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1904/05-1906/07



Expenditures of the Office of the Secretary, Department of Agriculture, for the fiscal year ended June 30, 1905.

[Appropriation: Salaries, Office of the Secretary, 1905, \$78,860.]

STATUTORY SALARIES, TRAVELING EXPENSES, AND STATION AND FIELD EXPENSES.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
James Wilson.....	Secretary of Agriculture.....	\$8,000.00	\$222.27	.....	\$8,222.27
W. M. Hays.....	Assistant Secretary of Agriculture, \$4,500.	2,387.50	517.65	.....	2,905.15
S. R. Burch.....	Chief clerk.....	2,500.00	458.58	.....	2,958.58
Geo. P. McCabe.....	Law clerk.....	2,500.00	781.30	.....	3,281.30
Jasper Wilson.....	Private secretary to Secretary of Agriculture.	2,500.00	287.67	.....	2,787.67
H. N. Price.....	Stenographer to Secretary of Agriculture.	1,400.00	.....	.....	.....
Josephine Brigham.....	Private secretary to Assistant Secretary of Agriculture, \$1,600.	866.67	.....	.....	.....
H. H. Mowry.....	.....	733.33	134.72	.....	868.05
J. B. Bennett.....	Appointment clerk.....	2,000.00	.....	.....	.....
C. B. Lower.....	Chief of supply division.....	2,000.00	.....	.....	.....
H. J. Daly.....	Telegraph and telephone operator.	1,200.00	.....	.....	.....
R. W. Roberts.....	Clerk, class 4.....	1,800.00	.....	.....	.....
I. C. I. Evans.....	Clerk, class 3.....	1,600.00	.....	.....	.....
Irving Frickey.....	.....do.....	1,600.00	.....	.....	.....
A. M. Houseman.....	.....do.....	1,600.00	.....	.....	.....
Josephine Brigham.....	.....do.....	641.67	.....	.....	.....
I. S. Pennybacker, jr.....	Clerk, class 2.....	700.00	.....	.....	.....
Leulah Rothrock.....	.....do.....	58.33	.....	.....	.....
W. C. Wyatt.....	.....do.....	1,399.99	.....	.....	.....
Wm. Collier.....	Clerk, class 1.....	1,200.00	.....	.....	.....
J. M. Graves.....	.....do.....	1,200.00	.....	.....	.....
Geo. A. Harlow.....	.....do.....	500.00	.....	.....	.....
Fred Lees.....	.....do.....	400.00	.....	.....	.....
R. W. Magee.....	.....do.....	300.00	.....	.....	.....
Thos. J. Ray.....	.....do.....	1,200.00	.....	.....	.....
C. O. Wilhite.....	.....do.....	1,200.00	.....	.....	.....
A. M. Winfield.....	.....do.....	1,180.00	.....	.....	.....
M. B. Zimmerman.....	.....do.....	1,143.43	.....	.....	.....
R. V. Bailey.....	Clerk at \$1,000.....	1,000.00	.....	.....	.....
V. P. Bradford.....	.....do.....	1,000.00	.....	.....	.....
R. L. Campbell.....	.....do.....	1,000.00	.....	.....	.....
F. H. Hiatt.....	.....do.....	250.00	.....	.....	.....
R. W. Magee.....	.....do.....	750.00	.....	.....	.....
F. J. Tyler.....	.....do.....	833.30	438.49	.....	1,271.79
S. A. Burlingame.....	Clerk.....	840.00	.....	.....	.....
J. A. Harvey.....	Engineer, \$1,600.....	422.19	.....	.....	.....
Lewis Jones.....	.....do.....	746.70	.....	.....	.....
Thos. Riggles.....	Fireman.....	900.00	.....	.....	.....
Harry Crompton.....	Assistant fireman.....	720.00	.....	.....	.....
Frank Sprague.....	.....do.....	600.00	.....	.....	.....
E. M. Hollidge.....	Electrician.....	1,000.00	.....	.....	.....
Chas. D. Harvey.....	Plumber.....	900.00	.....	.....	.....
Chas. S. Weidman.....	Blacksmith.....	840.00	.....	.....	.....
Clarence Bean.....	Watchman at \$720.....	720.00	.....	.....	.....
J. M. Boardman.....	.....do.....	720.00	.....	.....	.....
Wm. H. Johnson.....	.....do.....	720.00	.....	.....	.....
W. H. Moor.....	.....do.....	720.00	.....	.....	.....
E. U. Moore.....	.....do.....	720.00	.....	.....	.....
H. S. Mott.....	.....do.....	720.00	.....	.....	.....
B. T. Ridgeway.....	.....do.....	720.00	.....	.....	.....
Thomas Rutledge.....	.....do.....	720.00	.....	.....	.....
M. F. Ryan.....	.....do.....	720.00	.....	.....	.....
Thad. Fairfax.....	.....do.....	720.00	.....	.....	.....
Patrick Scanlon.....	.....do.....	684.00	.....	.....	.....
W. S. Canatsey.....	.....do.....	36.00	.....	.....	.....
H. M. Kendrick.....	Mechanic.....	1,099.99	.....	.....	.....
A. H. Brooks.....	Messenger at \$840.....	840.00	.....	.....	.....
M. F. Colbath.....	.....do.....	525.00	.....	.....	.....
R. H. Edmondson.....	.....do.....	296.33	.....	.....	.....
A. J. Hodges.....	.....do.....	840.00	.....	.....	.....
J. A. Mason.....	.....do.....	840.00	.....	.....	.....
Felix T. Moore.....	.....do.....	840.00	.....	.....	.....
Jos. Williams.....	.....do.....	840.00	.....	.....	.....

Expenditures of the Office of the Secretary, Department of Agriculture, etc.—Continued.

STATUTORY SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	The two items below were paid from Lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
Alfred Hawkins.....	Assistant messenger.....	\$720.00	-----	-----	-----
James Munro.....	do.....	720.00	-----	-----	-----
	<i>Laborers and charwomen.</i>				
Frank Snyder.....	Laborer at \$720.....	689.00	-----	-----	-----
James H. Gordon.....	Laborer.....	600.00	-----	-----	-----
Martha Boss.....	Charwoman at \$480.....	480.00	-----	-----	-----
Helen Stokes.....	do.....	66.67	-----	-----	-----
V. Tinney.....		20.00	-----	-----	-----
Emily Werner.....		377.33	-----	-----	-----
G. E. Beckman.....		4.00	-----	-----	-----
Belle Meek.....	do.....	80.00	-----	-----	-----
Susie Morgan.....	Charwoman at \$240.....	360.00	-----	-----	-----
Martha Barrett.....		30.00	-----	-----	-----
Laura Brooklyn.....		10.67	-----	-----	-----
Eliz. Dungan.....		20.00	-----	-----	-----
Maggie Olive.....	do.....	20.00	-----	-----	-----
F. P. Smith.....		120.00	-----	-----	-----
Jennie Gallagher.....		20.00	-----	-----	-----
V. E. Gallagher.....		20.00	-----	-----	-----
Eliz. A. Lewis.....	do.....	178.00	-----	-----	-----
Willie Sigourney.....		20.00	-----	-----	-----
S. A. Noone.....		240.00	-----	-----	-----
Della Fisher.....		7.33	-----	-----	-----
Helen Stokes.....	do.....	206.67	-----	-----	-----
Margaret Cleveland.....		20.00	-----	-----	-----
Ida Hebron.....		117.33	-----	-----	-----
M. C. Smith.....		100.00	-----	-----	-----
	<i>Extra laborers and emergency employment, \$1,000.</i>				
Gustav E. Beckman.....	Laborer.....	32.25	-----	-----	-----
W. B. Brown.....	do.....	1.50	-----	-----	-----
John Burton.....	do.....	4.50	-----	-----	-----
Robert Collins.....	do.....	1.50	-----	-----	-----
Vernon Cook.....	do.....	45.75	-----	-----	-----
Wallace Dann.....	do.....	45.33	-----	-----	-----
Ferdinand Estler.....	do.....	36.00	-----	-----	-----
Charles Fisher.....	do.....	1.50	-----	-----	-----
Fred Grant.....	do.....	1.50	-----	-----	-----
John W. Harriss.....	do.....	1.50	-----	-----	-----
Geo. H. Harvey.....	do.....	45.00	-----	-----	-----
John Higgins.....	do.....	6.00	-----	-----	-----
J. Johnson.....	do.....	1.50	-----	-----	-----
J. V. Joyce.....	do.....	150.00	-----	-----	-----
Chas. M. Keleher.....	do.....	45.00	-----	-----	-----
W. Laws.....	do.....	1.50	-----	-----	-----
Daniel W. Perkins.....	do.....	3.00	-----	-----	-----
Oscar Pollard.....	do.....	1.50	-----	-----	-----
Geo. E. Ray.....	do.....	19.50	-----	-----	-----
J. Smallwood.....	do.....	1.50	-----	-----	-----
R. M. Volkmar.....	do.....	8.00	-----	-----	-----
Geo. F. Welch.....	do.....	45.00	-----	-----	-----
I. Bagby.....	Charwoman.....	16.00	-----	-----	-----
M. F. Carty.....	do.....	40.00	-----	-----	-----
Mary Moriarity.....	do.....	41.33	-----	-----	-----
John F. Barghausen.....	Cabinetmaker.....	42.00	-----	-----	-----
R. Augusterfer.....	Electric wireman.....	2.00	-----	-----	-----
E. J. Bashford.....	do.....	37.50	-----	-----	-----
Philip Snyder.....	do.....	2.00	-----	-----	-----
James A. Cratty.....	Plumber.....	280.00	-----	\$1.65	\$281.65
John J. Lawless.....	do.....	12.00	-----	-----	-----

Total amount paid for salaries under above appropriation, \$75,873.09.

Unexpended balance, \$2,986.91.

Expenditures of the Weather Bureau, Department of Agriculture, for the fiscal year ended June 30, 1905.

[Appropriation: Salaries, Weather Bureau, 1905, Office of Chief of Weather Bureau, \$180,440.]

STATUTORY SALARIES, TRAVELING EXPENSES, AND STATION AND FIELD EXPENSES.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
Willis L. Moore.....	Chief of Bureau.....	\$5,000.00	\$190.36	\$34.34	\$5,224.70
H. E. Williams.....	Assistant Chief of Bureau.....	3,000.00	282.32	.....	3,282.32
Cleveland Abbe.....	Professor of meteorology.....	3,000.00	365.80	79.98	3,445.78
Frank H. Bigelow.....	do.....	3,000.00	201.90	35.00	3,236.90
E. B. Garriott.....	do.....	3,000.00	416.10	.....	3,416.10
Charles F. Marvin.....	do.....	3,000.00	211.76	.....	3,211.76
H. C. Frankenfield.....	do.....	2,500.00	834.65	.....	3,334.65
A. J. Henry.....	do.....	2,500.00	87.69	.....	2,587.69
James Berry.....	Chief of climate and crop division.....	2,000.00	195.84	.....	2,195.84
D. J. Carroll.....	Chief clerk.....	2,250.00	33.46	.....	2,283.46
E. B. Calvert.....	Chief of division.....	2,000.00	266.47	40.34	2,306.81
John P. Church.....	do.....	2,000.00	16.40	.....	2,016.40
J. H. Robinson.....	do.....	2,000.00	423.70	28.86	2,447.56
W. B. Stockman.....	do.....	2,000.00	184.14	.....	2,184.14
H. H. Kimball.....	Librarian and climatologist.....	2,000.00	134.28	.....	2,134.28
Jas. R. Cook.....	Clerk, class 4.....	300.00	.....	.....	300.00
Robert Seyboth.....	do.....	1,500.00	.....	.....	1,500.00
Frank Gillam.....	do.....	1,800.00	.....	.....	1,800.00
G. E. Hunt.....	do.....	1,800.00	.....	.....	1,800.00
J. H. Jones.....	do.....	1,800.00	.....	.....	1,800.00
D. T. Maring.....	do.....	1,800.00	.....	.....	1,800.00
F. M. Cleaver.....	Chief division of supplies.....	1,800.00	.....	.....	1,800.00
John C. Ashton.....	Clerk, class 3.....	1,600.00	.....	.....	1,600.00
P. C. Day.....	do.....	1,600.00	.....	.....	1,600.00
H. L. Heiskell.....	do.....	1,600.00	.....	.....	1,600.00
Henry Pennywitt.....	do.....	1,600.00	.....	.....	1,600.00
Jno. C. Stewart.....	do.....	1,333.34	.....	.....	1,333.34
Robert Seyboth.....	do.....	266.60	.....	.....	266.60
G. W. Smith.....	do.....	1,600.00	.....	.....	1,600.00
S. W. Beall.....	Clerk, class 2.....	1,400.00	.....	.....	1,400.00
Sophia A. Beuter.....	do.....	1,400.00	.....	.....	1,400.00
M. C. Bennett.....	do.....	1,400.00	.....	.....	1,400.00
Wm. Berry.....	do.....	1,400.00	.....	.....	1,400.00
B. A. Blundon.....	do.....	1,400.00	.....	.....	1,400.00
H. W. Clough.....	do.....	124.45	.....	.....	124.45
Jno. C. Fry.....	do.....	233.30	.....	.....	233.30
Charles Holmes.....	do.....	116.67	.....	.....	116.67
H. J. Penrod.....	do.....	925.55	.....	.....	925.55
E. C. Easton.....	do.....	1,400.00	.....	.....	1,400.00
J. T. Foy.....	do.....	1,400.00	.....	.....	1,400.00
G. W. Hay.....	do.....	159.43	.....	.....	159.43
W. D. Porter.....	do.....	1,240.56	.....	.....	1,240.56
Wm. M. Husson.....	do.....	1,166.67	.....	.....	1,166.67
Jno. C. Stewart.....	do.....	233.30	.....	.....	233.30
E. G. Johnson.....	do.....	1,400.00	.....	.....	1,400.00
A. H. Kinnear.....	do.....	1,400.00	.....	.....	1,400.00
T. T. Moore.....	do.....	1,400.00	.....	.....	1,400.00
S. A. Potter.....	do.....	1,400.00	.....	.....	1,400.00
T. O. Pugh.....	do.....	1,400.00	.....	.....	1,400.00
H. W. Smith.....	do.....	1,400.00	.....	.....	1,400.00
C. F. Talman.....	do.....	1,400.00	.....	.....	1,400.00
Clinton J. Ashton.....	Clerk, class 1.....	1,200.00	.....	.....	1,200.00
C. G. Bigham.....	do.....	426.67	.....	.....	426.67
L. H. Murdoch.....	do.....	773.33	.....	.....	773.33
C. G. Bigham.....	do.....	100.00	.....	.....	100.00
Charles Holmes.....	do.....	1,100.00	.....	.....	1,100.00
E. A. Brown.....	do.....	950.00	12.97	.....	962.97
Thos. Crawford.....	do.....	250.00	33.75	.....	283.75
H. W. Clough.....	do.....	793.33	.....	.....	793.33
Belle P. N. Spencer.....	do.....	200.00	.....	.....	200.00
C. W. Taylor.....	do.....	206.67	.....	.....	206.67
Jas. R. Cook.....	do.....	1,000.00	.....	.....	1,000.00
Ruby S. Hotze.....	do.....	200.00	.....	.....	200.00
T. F. Davis.....	do.....	1,063.33	34.45	.....	1,097.78
W. D. Porter.....	do.....	136.67	.....	.....	136.67
R. F. de Grain.....	do.....	1,186.67	.....	.....	1,186.67
A. C. Murray.....	do.....	16.67	.....	.....	16.67
Jno. C. Fry.....	do.....	1,000.00	.....	.....	1,000.00
Wm. M. Husson.....	do.....	200.00	.....	.....	200.00

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

STATUTORY SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimburse- ment for station and field expenses.	
I. G. Gardiner.....	Clerk, class 1.....	\$1,200.00			\$1,200.00
H. Goucher.....	do.....	1,200.00			1,200.00
S. B. Gregory.....	do.....	1,200.00			1,260.00
C. E. Hesse.....	do.....	1,200.00			1,200.00
Caroline L. Lanman.....	do.....	20.00			20.00
F. O. Stetson.....	do.....	1,150.00			1,150.00
D. Marean.....	do.....	1,200.00			1,200.00
E. M. Mattison.....	do.....	1,198.33			1,198.33
John J. McLean.....	do.....	250.00			250.00
W. J. Bennett.....	do.....	950.00			950.00
J. H. Melton.....	do.....	1,200.00			1,200.00
R. D. Meston.....	do.....	1,200.00			1,200.00
S. P. Minnick.....	do.....	1,200.00			1,200.00
J. U. Monroe.....	do.....	1,200.00			1,200.00
Arthur Thompson.....	do.....	1,200.00			1,200.00
F. G. Tingley.....	do.....	1,200.00			1,200.00
H. Volker.....	do.....	1,200.00			1,200.00
J. L. Whiteside.....	do.....	1,200.00			1,200.00
C. G. Bigham.....	do.....	561.08			561.08
Belle P. N. Spencer.....	Clerk, \$1,000.....	224.97			224.97
M. B. Stubbs.....	do.....	188.86			188.86
Mattie H. Chapman.....	do.....	1,000.00			1,000.00
L. M. Cleveland.....	do.....	1,000.00			1,000.00
C. C. Cooper.....	do.....	541.67			541.67
Minnie L. Joynt.....	do.....	88.89			88.89
Caroline L. Lanman.....	do.....	31.95			31.95
D. R. Morris.....	do.....	83.34			83.34
Henry C. Cooke.....	do.....	250.00			250.00
T. F. Davis.....	do.....	113.86			113.86
H. E. Hobbs.....	do.....	886.12			886.12
Genevra B. Diehl.....	do.....	166.60			166.60
C. W. Taylor.....	do.....	827.70			827.70
Rowena A. Edwards.....	do.....	961.04			961.04
Mabel E. Sengstack.....	do.....	36.11			36.11
F. D. Emery.....	do.....	166.60			166.60
H. C. Merrill.....	do.....	833.34			833.34
Laura F. Hawkins.....	do.....	1,000.00			1,000.00
Alice T. Hereus.....	do.....	1,000.00			1,000.00
John T. Humer.....	do.....	1,000.00			1,000.00
R. O. Lazenby.....	do.....	1,000.00			1,000.00
E. R. Miller.....	do.....	1,000.00			1,000.00
R. C. Mize.....	do.....	1,000.00			1,000.00
W. N. Parker.....	do.....	1,000.00			1,000.00
Jos. B. Wilson.....	do.....	1,000.00			1,000.00
L. M. Campfield.....	Clerk, \$900.....	675.00			675.00
R. S. N. Sartz.....	do.....	225.00			225.00
Henry C. Cooke.....	do.....	630.00	\$22.80		652.80
Nettie P. McKnew.....	do.....	45.00			45.00
R. H. Weightman.....	do.....	225.00			225.00
C. C. Cooper.....	do.....	187.50			187.50
H. E. Hobbs.....	do.....	102.50			102.50
R. L. Miller.....	do.....	75.00	7.00		82.00
D. R. Morris.....	do.....	580.00	37.15		567.15
C. C. Cooper.....	do.....	150.00			150.00
Ruby S. Hotze.....	do.....	750.00			750.00
Genevra B. Diehl.....	do.....	750.00			750.00
H. C. Merrill.....	do.....	150.00			150.00
F. D. Emery.....	do.....	750.00			750.00
M. B. Stubbs.....	do.....	150.00			150.00
C. W. Rohrer.....	do.....	900.00			900.00
S. C. Calvert.....	Copyist, \$340.....	198.33	45.00		243.33
R. S. N. Sartz.....	do.....	630.00			630.00
C. E. Dome.....	do.....	156.33			156.33
Belle Gaston.....	do.....	245.00			245.00
Minnie L. Joynt.....	do.....	191.33			191.33
D. R. Morris.....	do.....	175.00			175.00
Florence L. Petersen.....	do.....	61.83			61.83
W. E. Kelly.....	do.....	609.00			609.00
R. H. Weightman.....	do.....	84.00	18.65		102.65
A. F. Magrum.....	do.....	140.00			140.00
Mary Long.....	do.....	840.00			840.00
Virginia M. Peticolas.....	Copyist, at \$720.....	710.00			710.00
C. B. Tuch.....	Chief mechanic.....	1,400.00			1,400.00

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

STATUTORY SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimburse- ment for station and field expenses.	
F. A. Claveloux.....	} Skilled mechanic, at \$1,200.....	\$750.00	.....	.....	\$750.00
I. N. Dolph.....		450.00	.....	.....	450.00
F. A. Claveloux.....	} Skilled mechanic, at \$1,000.....	374.97	.....	.....	374.97
R. S. Newham.....		625.00	.....	.....	1,000.00
J. F. Collins.....	do.....	1,000.00	.....	.....	1,000.00
Edward Dillon.....	do.....	1,000.00	.....	.....	1,000.00
J. J. Martin.....	do.....	1,000.00	.....	.....	625.00
S. S. Sharp.....	do.....	1,000.00	.....	.....	1,000.00
C. H. Pilcher.....	Engineer.....	1,200.00	.....	.....	1,200.00
Hiram Johnson.....	Captain of the watch.....	1,000.00	.....	.....	1,000.00
Daniel F. O'Neill.....	Batterymen.....	840.00	.....	.....	840.00
C. W. Chambers.....	Skilled artisan.....	840.00	.....	.....	840.00
F. L. Francis.....	do.....	840.00	.....	.....	840.00
John M. Haynes.....	do.....	840.00	.....	.....	840.00
William Patrick.....	do.....	840.00	\$35.40	\$21.16	896.56
G. E. Rausch.....	do.....	840.00	.....	.....	840.00
W. S. Thornton.....	do.....	840.00	.....	.....	840.00
Joseph Brown.....	Messenger or laborer, at \$70 ..	720.00	16.50	.....	736.50
F. M. Eisenstein.....	} do.....	390.00	.....	.....	390.00
L. E. Tait.....		226.00	.....	.....	720.00
R. H. Weightman.....	do.....	104.00	.....	.....	720.00
Wm. O. Harvey.....	do.....	720.00	.....	.....	720.00
Michael Hayes.....	do.....	720.00	.....	.....	226.00
Wm. McLane, jr.....	do.....	720.00	.....	.....	104.00
John F. Athey.....	} do.....	76.00	.....	.....	76.00
F. Pearson.....		28.00	.....	.....	28.00
R. L. Hollingsworth.....	} Fireman, at \$720	60.00	.....	.....	60.00
D. R. Holmes.....		146.00	.....	.....	146.00
J. M. Hudson.....	do.....	344.00	.....	.....	344.00
C. C. Johnson.....	do.....	38.00	.....	.....	38.00
J. Simpson.....	do.....	24.00	.....	.....	24.00
Joshua Carey.....	do.....	720.00	.....	.....	720.00
R. H. Morton.....	do.....	720.00	.....	.....	720.00
E. A. Branham.....	Watchman, at \$720	720.00	.....	.....	720.00
R. E. Rozelle.....	do.....	286.00	.....	.....	286.00
Thos. G. Smith.....	do.....	372.00	20.50	.....	392.50
John Sullivan.....	do.....	720.00	.....	.....	720.00
Samuel Bacon, jr.....	} Messenger or laborer, at \$600.....	357.50	29.95	.....	387.45
F. M. Eisenstein.....		302.50	.....	.....	302.50
Fred Bean.....	do.....	385.00	.....	.....	385.00
Thomas Woolfolk.....	do.....	275.00	.....	.....	275.00
J. D. Burns.....	do.....	187.00	.....	.....	187.00
H. W. Maedel.....	do.....	377.67	.....	.....	377.67
L. E. Tait.....	do.....	95.33	.....	.....	95.33
E. H. Hughes.....	do.....	660.00	.....	.....	660.00
William Jones.....	do.....	660.00	.....	.....	660.00
W. Plummer.....	do.....	660.00	.....	.....	660.00
Samuel Bacon, jr.....	} Messenger, messenger boy, or laborer, at \$600.....	25.00	.....	.....	25.00
James Kane.....		475.00	.....	.....	475.00
Plato T. Lee.....	do.....	100.00	.....	.....	100.00
Fred Bean.....	do.....	250.00	.....	.....	250.00
J. H. Richards, jr.....	do.....	350.00	.....	.....	350.00
J. D. Burns.....	do.....	86.67	.....	.....	86.67
E. F. Marean.....	do.....	135.00	.....	.....	135.00
Walter Parker.....	do.....	378.33	.....	.....	378.33
J. A. Dunmore.....	do.....	366.67	.....	.....	366.67
J. W. Wolcott.....	do.....	233.33	.....	.....	233.33
Thos. H. Eichelberger.....	do.....	600.00	.....	.....	600.00
A. G. Howe.....	do.....	8.33	.....	.....	8.33
J. N. Kline.....	do.....	458.33	.....	.....	458.33
Thad Stone.....	do.....	133.33	30.45	.....	163.78
W. W. Jefferson.....	do.....	598.33	.....	.....	598.33
Geo. W. Thomas.....	do.....	1.67	.....	.....	1.67
David Keller.....	do.....	600.00	.....	.....	600.00
H. W. Maedel.....	do.....	256.67	.....	.....	256.67
L. E. Tait.....	do.....	323.00	.....	.....	323.00
Geo. W. Thomas.....	do.....	20.33	.....	.....	20.33
Edward McDermott.....	do.....	600.00	.....	.....	600.00
Thomas Patrick.....	do.....	600.00	.....	.....	600.00
Wm. Plummer, jr.....	do.....	398.33	.....	.....	398.33
Geo. W. Thomas.....	do.....	223.33	.....	.....	223.33
Frederick Rice.....	do.....	100.00	.....	.....	100.00
F. P. Torbert, jr.....	do.....	500.00	.....	.....	500.00

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

STATUTORY SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
J. A. Dunmore.....	Messenger, messenger boy, or laborer, at \$480.	\$86.67	.....	.....	\$86.67
E. P. Gates.....		50.67	.....	.....	50.67
E. F. Marean.....		12.00	.....	.....	12.00
Walter Parker.....		177.33	.....	.....	177.33
Wm. Plummer, jr.....		41.33	.....	.....	41.33
Frederick Rice.....		20.00	.....	.....	20.00
F. P. Torbert, jr.....		80.00	.....	.....	80.00
J. M. Feigley.....		293.33	.....	.....	293.33
J. H. Richards, jr.....		186.67	.....	.....	186.67
G. J. Glover.....		280.00	.....	.....	280.00
A. McNaught.....	Messenger, messenger boy, or laborer, at \$450.	198.67	.....	.....	198.67
James Kane.....		80.00	.....	.....	80.00
Plato T. Lee.....		400.00	.....	.....	400.00
Herbert Boswell.....		20.62	.....	.....	20.62
J. A. Dunmore.....		93.75	.....	.....	93.75
R. L. Fearson.....		6.25	.....	.....	6.25
J. M. Feigley.....		62.50	.....	.....	62.50
E. P. Gates.....		65.00	.....	.....	65.00
E. J. Glover.....		37.50	.....	.....	37.50
C. T. Moore.....		70.00	.....	.....	70.00
G. F. Thompson, jr.....	.....	73.75	.....	.....	73.75
H. Cleveland.....		283.75	.....	.....	283.75
R. C. Fleishman.....		10.00	.....	.....	10.00
L. A. Freeman.....		50.00	.....	.....	50.00
M. C. White.....		106.25	.....	.....	106.25
W. S. Dodge.....		15.00	.....	.....	15.00
E. R. Hammer.....		7.50	.....	.....	7.50
E. F. Marean.....		162.50	.....	.....	162.50
J. E. Nolan.....		265.00	.....	.....	265.00
C. M. Harbaugh.....		3.75	.....	.....	3.75
James Kane.....	.....	18.75	.....	.....	18.75
R. H. Kantz.....		143.75	.....	.....	143.75
G. L. Mothershead.....		31.25	.....	.....	31.25
H. E. Rickard.....		252.50	.....	.....	252.50
Henry Hochstein.....		112.50	.....	.....	112.50
A. McNaught.....		198.75	.....	.....	198.75
G. E. Moore.....		102.50	.....	.....	102.50
Wm. Plummer, jr.....		12.50	.....	.....	12.50
G. A. Tallent.....		23.75	.....	.....	23.75
Alice L. Lieutaud.....	Charwoman.....	360.00	.....	.....	360.00
Amanda Lomax.....	do.....	240.00	.....	.....	240.00
Lucy Payne.....	do.....	240.00	.....	.....	240.00
Clara A. Templeton.....	do.....	240.00	.....	.....	240.00

Total amount paid for salaries under above appropriation, \$180,229.15.

Unexpended balance, \$210.85.

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

[Appropriation: Fuel, lights, and repairs, Weather Bureau, 1905, \$8,000.]

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
Geo. M. Barker.....	\$9.50	George Meier Co.....	\$14.80
Elmer H. Catlin & Co.....	13.50	Francis Miller.....	67.98
Robt. B. Caverly.....	65.45	John Moran.....	239.10
Chamberlin Metal Weather Strip Co.....	1.50	C. A. Muddiman & Co.....	20.20
Church & Stephenson.....	197.96	Geo. F. Muth & Co.....	87.36
The Crawford Paving Co.....	52.65	Mutual District Messenger Co.....	50.00
W. H. Douglas.....	15.00	National Electrical Supply Co.....	179.58
M. DuPerow.....	73.93	National Mortar Co.....	1.00
Wm. H. Dyer.....	73.00	The Potomac Terra Cotta Co.....	2.60
John B. Espey.....	32.07	Hugh Reilly.....	33.25
Forsberg & Murray.....	12.00	John Robertson.....	23.00
Thomas R. Fowler.....	217.75	A. C. Rowe.....	60.00
Thomas R. Frey.....	80.00	Rudolph, West & Co.....	16.22
H. J. M. Howard.....	111.50	E. G. Schafer & Co.....	.75
A. F. Jorss.....	3.00	S. S. Shedd & Bro. Co.....	11.00
S. H. Kane.....	4.00	Thos. Somerville & Sons.....	22.12
S. Keighley Metal Ceiling Mfg.....	47.50	Standard Chemical Co.....	2.75
James B. Lambie Co. (Incorporated).....	19.55	J. Edward Turton.....	760.00
A. Leslie.....	12.00	J. T. Walker Sons.....	6.00
James Linskey & Sons.....	1,196.00	Warren Brothers Co.....	1.50
Mackall Bros.....	20.75	Welsbach Co.....	1.00
L. J. Mangan.....	97.50	Martin Weigand.....	9.39
Manhattan Electrical Supply Co.....	10.08		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$3,975.79.

FUEL.

H. D. Hutton.....	\$221.72	J. T. Walker Sons.....	\$1.20
Robert Murphy.....	24.00	Wm. J. Zeh.....	3,480.79

Total amount paid for fuel under above appropriation, \$3,727.71.

GAS AND ELECTRICITY.

Washington Gas Light Co.....	\$275.70		
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Total amount of several groups under the above appropriation, \$7,979.20; unexpended balance, \$20.80.

[Appropriation: Contingent expenses, Weather Bureau, 1905, \$10,000.]

STATIONERY.

Saml. Cupples Envelope Co.....	\$4.43	W. L. Swayze.....	\$291.30
H. C. Davison & Co.....	22.50	Swayze, Bailey & Co.....	299.82
Eberhard Faber.....	17.10	Union Envelope Co.....	19.44
Lamb & Tilden.....	11.76	United States Envelope Co.....	111.65
D. Frank Parker.....	9.00		

Total amount paid for stationery under above appropriation, \$787.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Acme Repair and Bicycle Co.....	\$6.50	J. Baumgarten & Sons.....	\$34.93
American Arithmometer Co.....	350.00	The E. F. Brooks Co.....	2.75
American Climatological Assn.....	2.50	Burrelles Press Clipping Bureau.....	56.48
American Florist Co.....	.50	Cahill Electric Typewriter Co.....	3.50
American Ice Co.....	191.44	Capital Traction Co.....	100.00
American News Co.....	16.25	Chesapeake and Potomac Telephone Co.....	12.00
The Anthony & Scovill Co.....	20.43	Church & Stephenson.....	724.81
Geo. S. Ball.....	10.30	R. P. Clarke Co.....	48.06
R. Carter Ballantyne.....	74.15	The Daily Oklahoman.....	6.00
Wm. Ballantyne & Sons.....	.25	Delano & Moore.....	24.11
Barber & Ross.....	11.00		

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
Dennison Manufacturing Co.....	\$11.00	Geo. F. Muth & Co.....	\$41.24
Densmore Typewriter Co.....	1.30	National Carbon Co.....	1.00
W. G. Duckett.....	6.25	National Electrical Supply Co.....	132.85
M. DuPerow.....	94.69	National Railway Publication Co.....	8.00
Wm. H. Dyer.....	3.50	J. P. Nawrath.....	3.84
Chas. R. Edmonston.....	63.00	E. S. Newman.....	1.50
The J. C. Ergood Co.....	22.00	News Publishing Co.....	7.20
John B. Espey.....	50.53	The New York Maritime Register.....	35.00
The Eureka Rubber Manufacturing Co.....	18.75	The World's Maritime News Co.....	20.42
J. R. Fearnor.....	5.00	Jas. A. Nicholson & Son.....	47.25
Geo. D. Feidt & Co.....	4.34	The Okonite Co. (Limited).....	9.50
H. L. Fesler.....	15.00	Orange Judd Co.....	1.32
Free Press Association.....	6.90	D. Frank Parker.....	11.00
W. M. Galt & Co.....	475.67	Pope Manufacturing Co.....	4.25
Peter Gray & Sons.....	42.00	Postmaster, Washington, D. C.....	549.00
Frank H. Greer.....	12.60	P. G. Reed.....	9.00
Grenfell & Dunn.....	4.50	Hugh Reilly.....	55.45
Louis Hartig.....	59.45	Remington Typewriter Co.....	158.25
Harvard Laundry Co.....	156.29	The Rotograph Co.....	4.73
Hearst's Chicago American.....	28.00	Rudolph, West & Co.....	60.09
The Hoggson & Pettis Manufacturing Co.....	35.25	Fred A. Schmidt.....	24.64
W. L. Humphrey.....	225.00	F. Sharp.....	3.25
Illinois State Journal Co.....	5.00	F. Sharp & Sons.....	6.45
Illinois State Register.....	4.20	Joseph P. Smith.....	4.69
Albert Kahlert & Co.....	58.48	The Smith Premier Typewriter Co.....	227.95
S. H. Kane.....	8.00	Smithsonian Institution.....	158.09
The Geo. W. Knox Express Co.....	.50	Thos. Somerville & Sons.....	5.56
Lamb & Tilden.....	30.84	Southern Electric Co.....	32.97
Jas. B. Lambie Co. (Incorporated).....	287.07	The Springfield News Co.....	11.40
Library Bureau.....	73.70	Standard Adding Machine Co.....	185.90
Philip Lindemeyer.....	8.50	Standard Oil Co. (Baltimore branch).....	8.50
The M. Lindsay Rubber Co.....	8.25	G. E. Stechert & Co.....	377.33
James Linskey & Sons.....	2.50	H. M. Suter Publishing Co.....	1.25
Lutz & Co.....	139.25	W. L. Swayze.....	62.50
John Lynch.....	5.75	Swayze, Bailey & Co.....	49.70
Mackall Bros.....	66.78	Tennant & Ward.....	3.25
The Macmillan Co.....	5.40	Seth Thomas Clock Co.....	37.50
R. McReynolds' Sons.....	182.00	J. T. Thomson.....	21.00
S. J. Meek's Sons.....	128.50	The Times Journal Publishing Co.....	5.46
Midget Novelty Co.....	9.25	James S. Topham.....	20.95
Francis Miller.....	3.00	The Tribune Association.....	28.00
A. L. Moore.....	69.07	Underwood Typewriter Co.....	182.00
John Moran.....	26.10	The University of Chicago Press.....	2.00
E. Morrison Paper Co.....	18.00	S. J. Venable.....	41.50
S. T. G. Morsell, assignee for E. H. Morsell.....	8.00	J. T. Walker Sons.....	5.75
W. B. Moses & Sons.....	68.30	W. T. and F. B. Weaver.....	1.50
		West Disinfecting Co. (Incorporated).....	6.25
		Woodward & Lothrop.....	188.95
		Wurdeman & Co.....	96.50

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$7,180.10.

FURNITURE.

W. H. Hoeke.....	\$54.44	Woodward & Lothrop.....	\$48.29
Library Bureau.....	75.20	Wurdeman & Co.....	157.00
W. B. Moses & Sons.....	406.29	Yawman & Erbe Manufacturing Co.....	47.50
Washington Wood Working Co.....	51.25		

Total amount paid for furniture under above appropriation, \$839.97.

EXPRESS.

Adams Express Co.....	\$67.84	United States Express Co.....	\$85.17
A. H. Thiessen.....	2.00		

Total amount paid for express under above appropriation, \$155.01.

TELEPHONE.

The Chesapeake and Potomac Telephone Co.....	\$729.85		
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Total amount of several groups under the above appropriation, \$9,691.93.
Unexpended balance, \$308.07.

Expenditures of the Weather Bureau, Department of Agriculture, for the fiscal year ended June 30, 1905.

[Appropriation: Salaries, Weather Bureau, 1905, \$492,300.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[Outside of Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Henry J. Cox.....	Professor of meteorology.....	\$3,000.00	\$282.96	\$2.45	\$3,285.41
Alexander G. McAdie.....	do.....	3,000.00	245.05	14.50	3,259.55
Norman B. Conger.....	Inspector.....	2,500.00	707.72	18.36	3,226.08
Henry B. Hersey.....	do.....	2,500.00	444.90	27.50	2,972.40
Ferdinand J. Walz.....	do.....	1,458.33	74.12	-----	1,532.45
Edward A. Beals.....	District forecaster.....	2,400.00	621.63	48.28	3,069.91
Frederick H. Brandenburg.....	do.....	2,400.00	312.70	31.95	2,744.65
Isaac M. Cline.....	do.....	2,400.00	46.10	17.55	2,463.65
Eben H. Emery.....	do.....	2,400.00	54.90	206.51	2,661.41
John W. Smith.....	do.....	2,400.00	103.63	12.13	2,515.76
Ferdinand J. Walz.....	do.....	1,000.00	24.95	2.55	1,027.50
Edward H. Bowie.....	Local forecaster.....	2,000.00	204.75	159.00	2,363.75
David Cuthbertson.....	do.....	2,000.00	150.95	124.43	2,275.38
James Kenealy.....	do.....	1,116.67	46.25	11.16	1,224.08
Frank Ridgway.....	do.....	2,000.00	51.10	7.55	2,058.65
J. Warren Smith.....	Section director.....	1,833.34	82.56	63.27	1,979.17
Theodore F. Townsend.....	Local forecaster.....	2,000.00	84.69	23.44	2,108.43
Wilford M. Wilson.....	Section director.....	1,833.34	26.70	25.95	1,885.79
Robert G. Allen.....	do.....	1,170.00	56.77	20.95	1,247.72
Simon S. Bassler.....	Local forecaster.....	1,800.00	41.46	5.35	1,846.81
Henry C. Bate.....	do.....	1,800.00	29.62	15.83	1,845.48
Montello E. Blystone.....	Section director.....	1,050.00	30.55	76.37	1,156.72
William T. Blythe.....	do.....	1,800.00	25.75	74.83	1,900.58
William G. Burns.....	do.....	1,800.00	10.62	21.30	1,832.22
Frank P. Chaffee.....	do.....	1,800.00	48.97	9.63	1,858.60
George M. Chappel.....	Local forecaster.....	1,050.00	15.40	8.55	1,073.95
Patrick Connor.....	do.....	1,800.00	33.40	39.95	1,873.35
Edward A. Evans.....	Section director.....	1,800.00	50.80	24.00	1,874.80
Oliver L. Fassig.....	do.....	1,800.00	74.55	12.00	1,886.55
Robert J. Hyatt.....	do.....	1,800.00	-----	.50	1,800.50
James Kenealy.....	Local forecaster.....	750.00	17.80	-----	767.80
John B. Marbury.....	Section director.....	1,800.00	104.06	63.50	1,967.56
Alexander J. Mitchell.....	do.....	1,800.00	30.50	21.60	1,852.10
Thomas S. Outram.....	do.....	300.00	-----	-----	300.00
George N. Salisbury.....	do.....	1,050.00	72.35	9.90	1,132.25
Louis G. Schultz.....	do.....	150.00	196.40	-----	346.40
J. Warren Smith.....	do.....	150.00	-----	-----	150.00
Wilford M. Wilson.....	do.....	150.00	-----	-----	150.00
Alexander McC. Ashley.....	do.....	1,500.00	113.65	421.27	2,034.92
Jacob W. Bauer.....	do.....	1,500.00	74.72	123.25	1,697.97
William S. Belden.....	do.....	1,500.00	51.50	12.55	1,563.75
Montello E. Blystone.....	Local forecaster.....	625.00	-----	-----	625.00
Harry B. Boyer.....	do.....	1,500.00	50.40	49.85	1,600.25
Theodore L. Bridges.....	do.....	1,375.00	21.10	-----	1,396.10
Byron H. Bronson.....	Section director.....	1,500.00	232.65	23.55	1,756.20
Bernard Bunnemeyer.....	Local forecaster.....	1,229.17	-----	32.55	1,261.72
George M. Chappel.....	do.....	625.00	22.58	2.75	650.33
William S. Currier.....	do.....	1,500.00	-----	2.00	1,502.00
Edward R. Demain.....	do.....	1,500.00	44.62	16.75	1,561.37
Luther M. Dey.....	do.....	1,500.00	-----	.35	1,500.35
Samuel C. Emery.....	do.....	1,500.00	10.30	3.25	1,513.55
George E. Franklin.....	do.....	1,500.00	-----	62.10	1,562.10
Weston M. Fulton.....	do.....	70.83	-----	-----	70.83
Samuel W. Glenn.....	do.....	1,500.00	47.30	16.90	1,564.20
Robert Q. Grant.....	do.....	875.00	51.26	1.75	928.01
James J. Gray.....	do.....	1,500.00	31.90	15.08	1,546.98
Samuel P. Gresham.....	do.....	1,500.00	37.40	47.04	1,584.44
Robert M. Harding.....	Section director.....	1,461.66	83.87	6.25	1,551.78
Thorp B. Jennings.....	do.....	1,500.00	38.27	5.00	1,543.27
Lewis N. Jesumofsky.....	do.....	1,500.00	135.11	15.44	1,650.55
Charles E. Linney.....	do.....	1,500.00	123.05	54.20	1,677.25
George A. Loveland.....	do.....	1,500.00	47.65	18.61	1,566.26
Edward W. McGann.....	do.....	1,500.00	-----	43.52	1,543.52
Lester H. Murdoch.....	do.....	533.33	16.35	10.75	560.43
Thomas S. Outram.....	do.....	1,250.00	39.85	34.39	1,324.24
Walter S. Palmer.....	do.....	1,500.00	66.97	43.97	1,610.94
George Reeder.....	do.....	1,500.00	31.87	70.45	1,602.32
Edward B. Richards.....	do.....	1,500.00	46.69	47.45	1,594.14
Herbert W. Richardson.....	Local forecaster.....	1,500.00	49.30	4.18	1,553.48

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
George N. Salisbury	Section director	\$625.00	\$66.17		\$691.17
Charles F. Schneider	do	1,500.00	22.11	\$24.10	1,546.21
Julius M. Sherier	Local forecaster	554.17		16.15	570.32
Alfred F. Sims	do	1,250.00		.84	1,250.84
Patrick H. Smyth	do	1,375.00	158.40	5.15	1,538.55
Charles M. Strong	Section director	1,500.00	15.25	31.63	1,546.88
Leonard M. Tarr	Local forecaster	1,500.00	74.55	32.55	1,607.10
Alfred H. Thiessen	do	1,500.00	118.89	76.85	1,695.74
Edwin C. Thompson	Section director	1,500.00		97.56	1,597.56
George T. Todd	Local forecaster	191.67			191.67
Charles F. Von Herrmann	Section director	1,187.50	45.00	50.06	1,282.56
Elisha C. Vose	do	1,500.00		24.55	1,524.55
Lucius A. Welsh	Local forecaster	1,500.00			1,500.00
George H. Willson	do	1,500.00		1.20	1,501.20
Arthur B. Wollaber	do	1,375.00	84.45	6.24	1,465.69
R. Frank Young	Section director	875.00		37.50	912.50
Henry F. Alciatore	Observer	1,300.00		15.00	1,315.00
Albert Ashenberger	do	1,300.00	35.58	4.75	1,340.33
James L. Bartlett	do	1,300.00	33.21	38.62	1,371.83
Albert Brand	do	1,300.00		4.15	1,304.15
Theodore L. Bridges	do	108.33			108.33
Allen Buell	do	1,300.00		2.10	1,302.10
Alexander G. Burns	do	1,300.00	15.50	19.51	1,335.01
Thomas J. Considine	do	1,300.00	47.20		1,347.20
Louis C. Cover	do	1,300.00		25.70	1,325.70
John Craig	do	1,300.00			1,300.00
Lawrence H. Daingerfield	do	1,300.00		154.00	1,454.00
William Davis	do	1,300.00			1,300.00
William E. Donaldson	do	1,300.00	11.95		1,311.95
David Fisher	do	1,300.00			1,300.00
Edward P. Jones	do	1,300.00	46.95		1,346.95
Levi A. Judkins	do	1,105.00	39.40	36.25	1,180.65
Henry A. McNally	do	1,300.00			1,300.00
Samuel L. Mosby	do	1,300.00	9.45		1,309.45
Roscoe Nunn	do	650.00			650.00
Orin Parker	do	1,300.00		13.75	1,313.75
Lewis M. Pindell	do	1,300.00	101.87	13.55	1,415.42
Ulysses G. Pursell	do	1,300.00	227.21	3.11	1,530.32
James H. Scarr	do	758.34			758.34
Julius M. Sherier	do	812.50	14.05	4.65	831.20
James H. Smith	Section director	1,300.00		17.05	1,317.05
Patrick H. Smyth	Observer	108.33			108.33
James H. Spencer	do	758.34	13.75		772.09
Charles Stewart	do	1,300.00		.95	1,300.95
Richard H. Sullivan	do	166.12	41.40	2.75	210.27
Chas. D. C. Thompson	do	1,300.00	41.55	18.40	1,359.95
George T. Todd	do	1,133.89	55.37	7.25	1,196.51
Edward L. Wells	do	1,272.92	106.87	37.85	1,417.64
Frank T. Williams	do	1,300.00			1,300.00
Arthur B. Wollaber	do	108.33			108.33
Harry B. Wren	do	906.38			906.38
R. Frank Young	do	541.66		12.70	554.36
William H. Alexander	do	1,200.00	93.97	13.80	1,307.77
Robert L. Anderson	do	1,200.00			1,200.00
James F. Atherton	do	1,200.00			1,200.00
Frank R. Beahan	do	850.00		137.60	987.60
Aaron H. Bell	do	1,200.00		4.50	1,204.50
William Bell	do	1,200.00	42.80	1.35	1,244.15
Walter J. Bennett	do	250.00	16.00		266.00
John D. Blagden	do	1,200.00			1,200.00
Joseph P. Bolton	do	1,200.00		55.70	1,255.70
Charles B. Bright	Printer	1,200.00		154.00	1,354.00
Edward A. Brown	Observer	250.00			250.00
Bernard Bunnemeyer	do	216.67	143.79	22.50	382.96
Orville C. Burrows	do	1,200.00			1,200.00
John W. Byram	do	1,200.00		46.65	1,246.65
Ford A. Carpenter	do	1,146.67	152.25	9.80	1,308.72
David H. Carr	Printer	1,200.00			1,200.00
William C. Cavanagh	Observer	1,200.00			1,200.00
Joseph L. Cline	do	1,153.33	6.90	15.95	1,176.18
Thomas S. Collins	do	1,200.00		7.55	1,207.55
Maurice Connell	do	1,200.00			1,200.00
Robert S. Cooper	Printer	886.67			886.67

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Frederick W. Conrad.	Observer.	\$1,200.00		\$6.00	\$1,206.00
Thomas Crawford.	do.	950.00			950.00
James W. Cronk.	do.	1,200.00	\$40.38	11.20	1,251.58
Noble M. Cunningham.	do.	646.67			646.67
Walcott L. Day.	do.	1,200.00		52.26	1,252.26
Robert H. Dean.	do.	1,200.00		20.00	1,220.00
Lee A. Denson.	do.	1,200.00	33.82	10.25	1,244.07
Isaac N. Dolph.	Skilled mechanic.	750.00	40.83	134.64	925.47
Louis Dorman.	Observer.	700.00		5.30	705.30
William M. Dudley.	do.	1,143.33		9.75	1,153.08
George W. Eddey.	do.	1,000.00	68.00		1,068.00
William H. Fallon.	do.	1,200.00	1.50		1,201.50
George W. Felger.	do.	1,200.00	18.10	1.50	1,219.60
John Fitzgerald.	do.	1,200.00		4.00	1,204.00
William D. Fuller.	do.	1,200.00			1,200.00
Richard M. Geddings.	do.	1,200.00		4.75	1,204.75
Harry O. Geren.	do.	1,200.00			1,200.00
Elvin J. Glass.	do.	900.00	21.20	18.50	939.70
Frederick Z. Gosewisch.	do.	1,200.00	16.97	5.05	1,222.02
Robert Q. Grant.	do.	500.00	18.10		518.10
Ernest F. Groene.	Printer.	1,200.00			1,200.00
Robert B. Harkness.	Observer.	1,200.00	71.50		1,271.50
George Hass-Hagen.	do.	1,063.33		2.50	1,065.83
John S. Hazen.	do.	1,200.00		2.20	1,202.20
Henry C. Howe.	do.	1,200.00		2.50	1,202.50
John F. Hurley.	Printer.	1,200.00			1,200.00
Charles A. Hyle.	Observer.	1,200.00			1,200.00
Frank Jermin.	do.	1,200.00	15.36	9.55	1,224.91
Obie K. Johnson.	Printer.	1,200.00			1,200.00
Levi A. Judkins.	Observer.	90.00			90.00
Nathan D. Lane.	do.	1,200.00		15.75	1,215.75
George E. Lawton.	do.	1,200.00			1,200.00
Julius G. Linsley.	do.	1,200.00			1,200.00
Louis Lodholz.	do.	1,000.00			1,000.00
Daniel P. McCallum.	do.	1,200.00		71.15	1,271.15
Patrick McDonough.	do.	1,200.00	48.00	8.73	1,256.73
William C. McGuinness.	do.	1,200.00			1,200.00
John J. McLean.	do.	950.00	61.19	20.15	1,031.34
William D. Maxwell.	do.	900.00			900.00
William A. Mitchell.	do.	1,200.00	10.50	3.05	1,213.55
Frank Montgomery.	do.	483.33	19.55		502.88
Daniel C. Murphy.	do.	1,200.00			1,200.00
William M. Neifert.	do.	1,200.00			1,200.00
Fitzhugh Newman.	do.	1,200.00		3.50	1,203.50
John F. Newsom.	do.	300.00	18.40		318.40
Augustus B. Nichols.	Printer.	553.33	32.41		585.74
Esek S. Nichols.	Observer.	553.33			553.33
John F. Nichols.	Printer.	1,200.00			1,200.00
E. Herbert Nimmo.	Observer.	1,200.00		7.00	1,207.00
William Norrington.	do.	600.00			600.00
G. Harold Noyes.	do.	1,200.00	89.11	14.22	1,303.33
Roscoe Nunn.	do.	600.00			600.00
George R. Oberholzer.	do.	1,200.00	104.15	5.50	1,309.65
Gerald J. O'Connor.	do.	1,200.00		154.00	1,354.00
William J. Olds.	do.	1,200.00		1.70	1,201.70
William E. Oliver.	do.	1,200.00	14.75	2.00	1,216.75
Henry R. Patrick.	do.	1,200.00		22.90	1,222.90
Joseph C. Piercy.	do.	1,060.00	24.55	.50	1,085.05
Albert V. Randall.	do.	1,200.00			1,200.00
Charles D. Reed.	do.	1,100.00	7.15	.25	1,107.40
William F. Reed, Jr.	do.	1,110.00	19.30	3.50	1,132.80
Alexander Keynick.	Printer.	200.00			200.00
Orris W. Roberts.	Observer.	20.00			20.00
Fred J. Rupert.	do.	300.00			300.00
John N. Ryker.	do.	1,200.00	2.00	39.89	1,241.89
Morgan R. Sanford.	do.	1,120.00	7.48	3.54	1,131.02
James H. Scarr.	do.	500.00	204.38		704.38
John W. Schaeffer.	do.	1,200.00	32.97		1,232.97
George W. Scott.	do.	1,200.00			1,200.00
Dewey A. Seeley.	do.	1,200.00	55.28	1.45	1,256.73
William A. Shaw.	do.	1,200.00	5.10		1,205.10
William U. Simons.	do.	1,000.00		11.50	1,011.50
J. Pemberton Slaughter.	do.	1,200.00		2.25	1,202.25
Horace E. Smith.	do.	1,023.33			1,023.33

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Eugene E. Spencer...	Observer	\$1,200.00	\$89.90	\$2.75	\$1,292.65
James H. Spencer.....	do.	500.00	10.10		510.10
John S. Stewart.....	Printer	1,200.00			1,200.00
Richard H. Sullivan.....	Observer	1,046.67	88.62		1,135.29
Nathaniel R. Taylor.....	do.	1,200.00		7.70	1,207.70
Hubert G. Todd.....	do.	1,200.00			1,200.00
Bion L. Waldron.....	do.	1,200.00		20.50	1,220.50
James M. Watson.....	do.	1,200.00	17.60	22.40	1,240.00
John R. Weeks.....	do.	1,200.00	92.92	1.40	1,294.32
James I. Widmeyer.....	do.	1,200.00		10.30	1,210.30
John R. Williams.....	do.	1,200.00		17.90	1,217.90
George N. Wilson.....	do.	1,200.00		6.20	1,206.20
Peter Wood.....	do.	900.00		14.15	914.15
George B. Wurtz.....	do.	1,200.00	27.45	7.15	1,234.60
Claude O. Abernethy.....	Printer	250.00			250.00
Henry F. Alps.....	Assistant observer	1,000.00		75.25	1,075.25
Wayland Bailey.....	do.	1,000.00	75.75	8.30	1,084.05
Harrison McP. Baldwin.	do.	1,000.00			1,000.00
James A. Barry.....	do.	713.89	116.40		830.29
James H. Bradley.....	do.	1,000.00			1,000.00
Henry C. Briscoe.....	Printer	1,000.00			1,000.00
Frederick W. Brist.....	Assistant observer	1,000.00	61.35		1,061.35
William W. Carlisle.....	do.	166.66			166.66
Harry G. Carter.....	Printer	838.90			838.90
William F. Clark.....	Assistant observer	1,000.00			1,000.00
Harvey S. Cole.....	do.	808.33	29.75		838.08
Frank H. Coleman.....	do.	1,000.00			1,000.00
Claude C. Cooper.....	do.	41.67			41.67
Arthur W. Crosby.....	do.	1,000.00			1,000.00
Noble M. Cunningham.....	do.	461.11	86.75		547.86
Albert J. Davis.....	do.	1,000.00	22.85	20.15	1,043.00
Paul De Graw.....	do.	1,000.00		744.00	1,744.00
William C. Devereaux.....	do.	1,000.00	22.55		1,022.55
Luther M. Dey, jr.....	do.	1,000.00			1,000.00
Harvey B. Dick.....	do.	1,000.00		19.80	1,019.80
Cornelius J. Doherty.....	do.	1,000.00			1,000.00
J. E. Donellan.....	do.	544.44			544.44
Samuel L. Doshier.....	do.	1,000.00			1,000.00
George W. Edley.....	do.	166.67			166.67
Eugene D. Emigh.....	do.	1,000.00	53.70	8.15	1,061.85
Charles C. Garrett.....	do.	500.00			500.00
Thomas Gibson.....	do.	1,000.00		3.90	1,003.90
Elvin J. Glass.....	do.	250.00		41.50	291.50
Herchmer W. Grasse.....	do.	1,000.00	6.67	43.55	1,050.22
Richard W. Gray.....	do.	916.67	24.85		941.52
George E. Grimes.....	do.	1,000.00	1.00	11.38	1,012.38
Arthur V. Groce.....	Printer	1,000.00			1,000.00
John Grover.....	Assistant observer	1,000.00			1,000.00
Dexter C. Grunow.....	do.	1,000.00	54.25	12.45	1,066.70
Leon J. Guthrie.....	do.	1,000.00			1,000.00
Arthur E. Hackett.....	do.	877.78	65.60	6.15	949.53
Hal P. Hardin.....	do.	1,000.00		69.05	1,069.05
F. Eugene Hartwell.....	do.	1,000.00	30.92	156.04	1,186.96
Julius C. Hayden.....	do.	1,000.00		3.25	1,003.25
F. Hayslip.....	Printer	250.00			250.00
George J. Heck.....	Assistant observer	1,000.00	49.05	7.50	1,056.55
Everett C. Hobbs.....	do.	1,000.00			1,000.00
Howard K. Holcomb.....	do.	1,000.00		3.00	1,003.00
John K. Hooper.....	do.	1,000.00			1,000.00
James E. Hutchison.....	Printer	319.44			319.44
J. J. Kelliher.....	Assistant observer	1,000.00		4.00	1,004.00
James H. Kimball.....	do.	1,000.00			1,000.00
Dennis S. Landis.....	do.	1,000.00		4.00	1,004.00
William T. Lathrop.....	do.	1,000.00	101.03	206.39	1,307.42
Hugo Legler.....	do.	1,000.00		4.05	1,004.05
William F. Lehman.....	do.	889.30	7.50	1.65	898.45
Gustave S. Lindgren.....	Printer	750.00			750.00
Robert T. Lindley.....	Assistant observer	250.00			250.00
Charles W. Ling.....	do.	1,000.00		3.00	1,003.00
Louis Lodholz.....	do.	166.66			166.66
D. McCallum.....	Printer	113.89			113.89
W. L. McKay.....	do.	219.44			219.44
Lawrence L. McWhorter.	do.	438.89			438.89
William D. Maxwell.....	Assistant observer	250.00			250.00

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Frank Montgomery...	Assistant observer.....	\$591.66	\$1.75		\$593.41
John F. Newsom.....	do.....	750.00		\$16.16	766.16
Augustus B. Nichols...	Printer.....	538.89			538.89
Esek S. Nichols.....	Assistant observer.....	538.89			538.89
John J. O'Donnell.....	do.....	1,000.00	166.35	264.59	1,430.94
H. Pidcoe.....	Printer.....	975.00			975.00
Robert P. Powell.....	Assistant observer.....	1,000.00			1,000.00
Arthur W. Pugh.....	Printer.....	1,000.00	36.20		1,036.20
Charles D. Reed.....	Assistant observer.....	83.33			83.33
William F. Reed, jr.....	do.....	75.00			75.00
William J. Reed.....	do.....	1,000.00			1,000.00
Alexander Reynick.....	Printer.....	833.34			833.34
Charles H. Richardson...	Assistant observer.....	1,000.00			1,000.00
Henry H. Roche.....	do.....	1,000.00			1,000.00
Clarence J. Root.....	do.....	1,000.00	15.22	2.35	1,017.57
E. E. Row.....	do.....	1,000.00	17.15	1.75	1,018.90
Fred J. Rupert.....	do.....	750.00			750.00
John R. Sage.....	Section director.....	1,000.00			1,000.00
Morgan R. Sanford.....	Assistant observer.....	66.67			66.67
William B. Schlomer.....	do.....	1,000.00			1,000.00
Walter H. Scholl.....	do.....	1,000.00			1,000.00
William J. A. Schoppe...	do.....	583.34	6.25		589.59
Oscar V. Shomo.....	Printer.....	1,000.00	42.20		1,042.20
William C. Simons.....	Assistant observer.....	166.67		25.00	191.67
H. O. Sink.....	Printer.....	763.89			763.89
Jay B. Sloan.....	Assistant observer.....	1,000.00			1,000.00
Horace E. Smith.....	do.....	147.22			147.22
William P. Stewart.....	do.....	838.90	37.50	5.15	881.55
Martin B. Stubbs.....	do.....	644.45	65.60	21.00	731.05
Melvin B. Summers.....	do.....	1,000.00	15.35		1,015.35
Arthur R. Teeple.....	do.....	1,000.00			1,000.00
Walter W. Thomas.....	do.....	1,000.00	7.35		1,007.35
Jesse L. Vanderpool.....	do.....	1,000.00			1,000.00
G. F. von Ostermann...	Printer.....	619.44			619.44
Ozias Whitman.....	Assistant observer.....	1,000.00			1,000.00
S. G. Wise.....	Printer.....	288.89			288.89
Abe Wiesner.....	Assistant observer.....	1,000.00	49.45	21.08	1,070.53
Peter Wood.....	do.....	250.00			250.00
Marsden Wright.....	do.....	1,000.00	40.05	15.13	1,055.18
J. Cecil Alter.....	do.....	840.00	106.45		946.45
John H. Armington.....	do.....	840.00			840.00
Charles E. Ashcraft, jr...	do.....	184.33			184.33
William E. Barron.....	do.....	840.00			840.00
James A. Barry.....	do.....	107.33			107.33
Frank R. Beahan.....	do.....	140.00			140.00
James W. Beates.....	do.....	840.00			840.00
George S. Bliss.....	do.....	840.00			840.00
Otto L. Blue.....	do.....	840.00	9.30		849.30
Walter E. Bonnett.....	do.....	840.00	24.05	22.00	886.05
Charles H. Bridges.....	do.....	525.00			525.00
Robert R. Briggs.....	do.....	840.00			840.00
Albert L. Brockway.....	do.....	420.00	92.95	116.88	629.83
Spruelle Burford.....	do.....	21.00			21.00
Samuel C. Calvert.....	do.....	221.67			221.67
Louis M. Campfield.....	do.....	53.67			53.67
William W. Carlisle.....	do.....	476.00			476.00
J. W. Carr.....	do.....	357.00			357.00
Verne H. Church.....	do.....	443.33	9.75		453.08
Edward D. Coberly.....	do.....	840.00			840.00
Harvey S. Cole.....	do.....	161.00			161.00
M. E. Conway.....	do.....	840.00		1.58	841.58
Henry C. Cooke.....	do.....	42.00			42.00
Roy N. Covert.....	do.....	700.00			700.00
Charles Dill.....	do.....	840.00			840.00
Charles A. Donnel.....	do.....	840.00	26.00		866.00
Theodore F. Drake.....	do.....	840.00	80.05	346.75	1,266.80
Nathan S. Eddy.....	do.....	840.00			840.00
Cyrus H. Eshleman.....	do.....	840.00			840.00
Charles E. Faulhaber...	do.....	840.00			840.00
George F. Field.....	do.....	840.00	13.55		853.55
Lawrence C. Fisher.....	do.....	840.00			840.00
Snowden D. Flora.....	do.....	840.00			840.00
Harry A. Frise.....	do.....	819.00			819.00
Merton L. Fuller.....	do.....	819.00			819.00
Charles C. Garrett.....	do.....	420.00	4.75		424.75
Richard W. Gray.....	do.....	70.00			70.00
Sumner Hackett.....	do.....	210.00			210.00

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Olin M. Hadley.....	Assistant observer.....	\$840.00		\$154.00	\$994.00
George W. Harn, jr.....	do.....	840.00			840.00
Louis A. Hatten.....	do.....	840.00			840.00
H. C. Hunter.....	do.....	840.00			840.00
Benj. C. Kadel.....	do.....	840.00	\$127.67	153.89	1,121.56
Elgie M. Keyser.....	do.....	840.00			840.00
Joseph M. Kirk.....	do.....	840.00			840.00
William F. Lehman.....	do.....	126.00			126.00
Robert T. Lindley.....	do.....	630.00	30.35		660.35
Bruce B. McCay.....	do.....	200.66			200.66
G. W. McDowall.....	do.....	210.00		.75	210.75
William V. Martin.....	do.....	828.33			828.33
R. L. Miller.....	do.....	770.00			770.00
Louis F. Passailaigue.....	do.....	840.00			840.00
Alfred C. Pickels.....	do.....	807.33			807.33
Roswitte E. Pollock.....	do.....	413.00	164.60		577.60
W. R. Pratt.....	do.....	224.00			224.00
Millard V. Robins.....	do.....	840.00		31.00	871.00
Milton A. Robinson.....	do.....	840.00		250.25	1,090.25
Fred L. Ruble.....	do.....	203.00			203.00
William J. A. Schoppe.....	do.....	350.00			350.00
James H. Scott.....	do.....	835.33			835.33
William P. Stewart.....	do.....	135.33			135.33
Leon G. Sutton.....	do.....	840.00		2.25	842.25
Thomas R. Taylor.....	do.....	840.00			840.00
Herbert E. Vail.....	do.....	840.00			840.00
John C. M. Valentine.....	do.....	840.00			840.00
John F. Voorhees.....	do.....	840.00			840.00
William H. Watters.....	do.....	840.00			840.00
Charles S. Wood.....	do.....	840.00	47.95		887.95
Oscar D. Stewart.....	do.....	840.00			840.00
Ora O. Atto.....	do.....	510.00	22.50		532.50
John A. Balster.....	Classified laborer.....	720.00	3.75		723.75
James A. Barwick.....	Assistant observer.....	202.00			202.00
Joseph Bily, jr.....	do.....	720.00			720.00
Albert L. Brockway.....	do.....	360.00	50.65	106.37	517.02
Le Roy E. Burdick.....	do.....	626.00			626.00
Edward T. Burns.....	do.....	720.00	74.29		794.29
Samuel C. Calvert.....	do.....	360.00			360.00
Louis A. Cambridge.....	do.....	596.00			596.00
C. M. Coffin.....	do.....	60.00			60.00
Roy N. Covert.....	do.....	120.00			120.00
W. Cox.....	do.....	60.00			60.00
Ward H. Davidson.....	do.....	720.00			720.00
Charles R. Dewing.....	do.....	720.00	14.99	170.04	905.03
Fred L. Disterdick.....	do.....	720.00	25.10		745.10
Joseph J. Doshier.....	Repairman.....	720.00		5.00	725.00
Alpheus Drinkwater.....	do.....	720.00			720.00
Don H. Duffie.....	Assistant observer.....	152.00			152.00
Ray A. Dyke.....	do.....	720.00	48.00		768.00
W. A. Edwards.....	do.....	126.00	32.05		158.05
Maurice C. Faulk.....	do.....	624.00	69.35		693.35
Ray L. Fisher.....	do.....	720.00			720.00
Charles W. Flattery.....	do.....	720.00			720.00
F. Furr.....	do.....	334.00			334.00
George J. Gallaher.....	do.....	720.00	13.00		733.00
R. A. Gardner.....	do.....	116.00			116.00
Arthur W. Garrett.....	do.....	720.00			720.00
Edwin B. Gittings, jr.....	do.....	92.00			92.00
William H. Green.....	do.....	720.00	81.13	2.50	803.63
Willis R. Gregg.....	do.....	720.00			720.00
Henry C. Gross.....	do.....	644.00			644.00
Sumner Hackett.....	do.....	540.00		3.50	543.50
Edgar C. Horton.....	do.....	720.00			720.00
G. R. Houston.....	do.....	20.00			20.00
Sylvan M. Hutton.....	do.....	420.00			420.00
Vincent E. Jakl.....	do.....	720.00	43.00		763.00
James Jones.....	do.....	720.00	51.85		771.85
Joseph B. Kincer.....	do.....	276.00			276.00
Henry S. Kinter.....	do.....	196.00			196.00
R. Lowe.....	do.....	606.00			606.00
Frank E. McLeary.....	do.....	712.00	62.35		774.35
Otis G. Messenger.....	do.....	582.00			582.00
Vaughn Middlesworth.....	do.....	502.00			502.00
Chester L. Mills.....	do.....	720.00	7.25		727.25
Charles L. Mitchell.....	do.....	720.00	30.50		750.50
Mark T. Nesmith.....	do.....	720.00			720.00

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Clinton E. Norquest.	Assistant observer.	\$720.00	\$20.75		\$740.75
C. F. Osborn.	do.	180.00			180.00
Rolin M. Patrick.	do.	720.00	24.95		744.95
Robert D. Pettet.	do.	720.00	21.85		741.85
Roswitte E. Pollock.	do.	366.00	205.95	\$210.51	782.46
Richard R. Roberts.	do.	600.00			600.00
Lewis C. Ross.	do.	720.00			720.00
Alphonso W. Shilling.	do.	720.00			720.00
Truman G. Shipman.	do.	572.00			572.00
E. H. Smith.	do.	124.00			124.00
Howard C. Smith.	do.	480.00			480.00
Ralph W. Smith.	do.	720.00	43.75		763.75
Malcolm Sprague.	do.	60.00			60.00
Jesse R. Stone.	do.	720.00	30.22		750.22
Albert T. Summey.	do.	720.00	27.55		747.55
Harvey H. Spindler.	do.	600.00			600.00
E. Herbert Thompson.	do.	388.00		8.20	396.20
Anson R. Tracy.	do.	418.00			418.00
H. Tullsen.	do.	558.00			558.00
Louis P. Webert.	do.	634.00			634.00
R. H. Weightman.	do.	360.00	15.25		375.25
Robert M. Williamson.	do.	720.00	66.05		786.05
A. F. Magrum.	do.	600.00			600.00
Alvah E. Heath.	Repairman.	626.00		13.65	639.65
Clifton E. Johnson.	do.	720.00	3.50	49.20	772.70
Loring S. Parrott.	do.	720.00		10.00	730.00
Angus N. Lamont.	Unclassified laborer.	596.00	8.05		604.05
Marion B. Van Vrankenburgh.	Messenger.	378.00			378.00
Daniel J. Brown.	do.	600.00			600.00
James Carey.	do.	600.00			600.00
Charles E. Chamberlin.	do.	150.00			150.00
William W. Christman.	do.	600.00			600.00
William A. Coyle.	do.	600.00			600.00
Laura M. Dey.	do.	576.67	18.75		595.42
William G. Fisher.	do.	600.00			600.00
Howard E. Freas.	do.	150.00			150.00
Charles C. Grant.	do.	600.00			600.00
Elmo M. Minehart.	do.	225.00	23.30		248.30
Richard Pugh.	do.	300.00			300.00
Robert H. Sullivan.	do.	350.00			350.00
Robert C. Williams.	do.	600.00			600.00
Willie H. Gaskins.	Repairman.	600.00		60.00	660.00
John Driscow.	Unclassified laborer.	300.00			300.00
Bertram J. Sherry.	do.	600.00	17.28		617.28
Rolla H. Alger.	Messenger.	480.00			480.00
Frederick W. Ax.	do.	480.00			480.00
A. Beverly Aymard.	do.	200.00			200.00
Samuel Bacon, jr.	do.	205.33			205.33
Gervase J. P. Barger.	do.	340.00			340.00
David Bast.	do.	480.00			480.00
Dean Blake.	do.	480.00			480.00
Walter Bormann.	do.	480.00			480.00
James Bracy.	do.	40.00	6.90		46.90
Arthur A. Burn.	do.	480.00			480.00
Charles E. Chamberlin.	do.	360.00			360.00
Henry Connoroe.	do.	480.00			480.00
Charles F. Deter.	do.	480.00			480.00
Laura M. Dey.	do.	18.67			18.67
Fant Diggs.	do.	480.00			480.00
Howard M. Dorr.	do.	480.00			480.00
Michael J. Driscoll.	do.	288.00			288.00
William H. Fahlbusch.	do.	16.00			16.00
Frank W. Fischer.	do.	480.00			480.00
John C. Foster.	do.	480.00			480.00
Howard E. Freas.	do.	360.00			360.00
H. T. Fugitt.	do.	169.33	30.28		199.61
John R. Glenn.	do.	480.00	26.75		506.75
Andy M. Hamrick.	do.	460.00			460.00
Ralph E. Harris.	do.	480.00			480.00
Walter C. Hartwig.	do.	480.00			480.00
Bernard P. Heubner.	do.	160.00			160.00
Duncan Howard.	do.	478.67			478.67
Paul E. Kannooski.	do.	40.00			40.00
Joseph Lopez.	do.	480.00			480.00
Frank C. Murphy.	do.	480.00			480.00
C. W. Pike.	do.	480.00			480.00

Expenditures of the Weather Bureau, Department of Agriculture, et al. continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Richard Pugh.....	Messenger.....	\$240.00			\$240.00
Arthur W. Robinson.....	do.....	480.00			480.00
Ida Ross.....	do.....	480.00			480.00
Stanley S. Schworm.....	do.....	480.00			480.00
Homer H. Simmons.....	do.....	480.00			480.00
Thomas G. Smith.....	do.....	225.33			225.33
Thad Stone.....	do.....	373.33			373.33
E. Herbert Thompson.....	do.....	221.33		\$11.20	232.53
Noble Towner.....	do.....	480.00			480.00
William H. Tracy.....	do.....	480.00			480.00
George E. Turner.....	do.....	430.00			480.00
Clara Weber.....	do.....	480.00			480.00
William Weber.....	do.....	480.00			480.00
Charles T. Whedon.....	do.....	480.00			480.00
Frank R. Wicks.....	do.....	221.33			221.33
Hayden S. Bartlett.....	Messenger boy.....	418.67			418.67
W. J. Buhmann.....	do.....	309.33	\$38.30		347.63
Geo. D. Featherstone.....	do.....	480.00			480.00
Henry W. Jacobs.....	do.....	320.00			320.00
George H. Johnston.....	do.....	220.00			220.00
Frank A. Math.....	do.....	418.67			418.67
John P. Toole.....	do.....	280.00			280.00
L. S. Warner.....	do.....	320.00			320.00
F. Jimmer Wrigley.....	do.....	120.00			120.00
Fred H. Ackelov.....	do.....	360.00			360.00
Judson D. Adams.....	do.....	265.00			265.00
Harry M. Addison.....	do.....	110.00			110.00
W. C. Armentrout.....	do.....	16.00			16.00
James E. Avery.....	do.....	286.00			286.00
Herbert A. Bailey.....	do.....	238.00			238.00
Eno R. Barnhardt.....	do.....	150.00			150.00
Hayden S. Bartlett.....	do.....	46.00			46.00
James A. Barwick.....	Assistant observer.....	259.00			259.00
Carlos V. Brown.....	Messenger boy.....	360.00			360.00
Benjamin F. Butler.....	do.....	185.00			185.00
C. A. Coker.....	do.....	66.00			66.00
W. M. Cook.....	do.....	148.00			148.00
R. E. F. Cullen.....	do.....	112.00			112.00
John P. Daly.....	do.....	360.00			360.00
Eura M. Dearing.....	do.....	360.00			360.00
Harry C. De Ment.....	do.....	30.00			30.00
William A. Dunklin.....	do.....	45.00			45.00
Budd Evans.....	do.....	360.00			360.00
Edward C. Evans.....	do.....	73.00			73.00
E. H. Faustman.....	do.....	144.00			144.00
H. C. Finch.....	do.....	66.00			66.00
R. S. Fuller.....	do.....	142.00			142.00
Le Roy Gardner.....	do.....	172.50			172.50
J. C. Glaum.....	do.....	105.00			105.00
C. K. Gould.....	do.....	25.00			25.00
L. E. Hamilton.....	do.....	79.00			79.00
Francis W. Hathaway.....	do.....	75.00			75.00
Oscar H. Hauber.....	do.....	207.00			207.00
Ernest Herrmann.....	do.....	360.00			360.00
Donald F. Hodges.....	do.....	281.00			281.00
Edward W. Holcomb.....	do.....	360.00			360.00
Martin R. Hovde.....	do.....	280.00			280.00
Harry M. Howell.....	do.....	120.00			120.00
J. I. Hyde, jr.....	do.....	30.00			30.00
Paul L. Irons.....	do.....	84.00			84.00
Henry W. Jacobs.....	do.....	120.00			120.00
George H. Johnston.....	do.....	195.00			195.00
E. H. Johnson.....	do.....	49.00			49.00
Joseph P. Jeffords.....	do.....	30.00			30.00
Harold T. Keenan.....	do.....	133.00			133.00
Paul P. Kimball.....	do.....	292.00			292.00
P. W. Knopf.....	do.....	349.50			349.50
Forrest H. Laughhead.....	do.....	360.00			360.00
Bernard R. Laskowski.....	do.....	60.00			60.00
Charles T. Lehning.....	do.....	360.00			360.00
E. C. G. Lemke.....	do.....	313.00			313.00
Robert W. Lieder.....	do.....	360.00			360.00
Harold V. Lind.....	do.....	120.00			120.00
J. Hervey Lowe.....	do.....	360.00			360.00
R. M. Luckenback.....	do.....	78.00			78.00
W. F. Mahanay.....	do.....	306.00			306.00
A. N. Martin, at \$480.....	do.....	45.00			45.00

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
A. N. Martin.....	Messenger boy.....	\$380.00			\$380.00
Frank A. Math.....	do.....	46.00			46.00
George A. May.....	do.....	360.00			360.00
Ira E. Mellinger.....	do.....	360.00			360.00
J. H. Miller.....	do.....	90.00			90.00
Theodore C. Mitchell.....	do.....	360.00			360.00
R. A. Moffat.....	do.....	195.00	\$26.81		221.81
H. H. Moor.....	do.....	71.00			71.00
H. Moore.....	do.....	90.00			90.00
Howard J. Moore.....	do.....	30.00			30.00
Roscoe C. Moore.....	do.....	210.00			210.00
Walter J. Moxom.....	do.....	193.00			193.00
L. W. Murphrey.....	do.....	111.00			111.00
C. G. Nelson.....	do.....	241.00			241.00
Walter A. Oates.....	do.....	264.00			264.00
Edward J. Olsen.....	do.....	30.00			30.00
Bennie Parry.....	do.....	360.00			360.00
Charles W. Raidt.....	do.....	187.00			187.00
O. Richardson.....	do.....	51.00			51.00
H. C. Richter.....	do.....	360.00			360.00
William A. Rooks.....	do.....	360.00			360.00
H. G. Rosenberg.....	do.....	88.00			88.00
Walter S. Rouse.....	do.....	360.00			360.00
R. G. Ruckdeschel.....	do.....	55.00			55.00
Joe B. Samuel.....	do.....	360.00			360.00
Louis H. Sebbes.....	do.....	360.00			360.00
A. B. Stillwell.....	do.....	240.00			240.00
Herschel I. Stine.....	do.....	52.00			52.00
Thomas Stephens.....	do.....	205.00			205.00
John P. Toole.....	do.....	150.00			150.00
Arthur T. Upson.....	do.....	30.00			30.00
Richard Walker.....	do.....	360.00			360.00
L. S. Warner.....	do.....	120.00			120.00
F. R. Webb.....	do.....	159.00			159.00
Roy G. Webb.....	do.....	133.00			133.00
R. Weintrob.....	do.....	237.00			237.00
W. V. White.....	do.....	120.00			120.00
Bernard B. Whittier.....	do.....	360.00			360.00
William E. Whyte.....	do.....	360.00			360.00
Frank R. Wicks.....	do.....	104.00			104.00
William H. Winn.....	do.....	110.00			110.00
Bernie B. Wilson.....	do.....	101.00			101.00
Raymond Woods.....	do.....	206.00			206.00
F. Jimmer Wrigley.....	do.....	270.00			270.00
W. H. Zabel.....	do.....	75.00			75.00
William R. Cade.....	Messenger.....	360.00			360.00
C. B. Chaffin.....	do.....	74.00			74.00
Charles M. Boucher.....	Station agent.....	75.00		\$0.25	75.25
A. W. Kennie.....	do.....	225.00			225.00
George L. Lovett.....	do.....	300.00			300.00
Frank N. Adams.....	Student assistant.....	75.00			75.00
George B. Adams.....	do.....	300.00			300.00
Daniel B. Cogswell.....	do.....	148.33			148.33
Stanislav Hanzlik.....	do.....	13.33	16.15		29.48
W. J. McGee.....	do.....	39.17			39.17
John H. Mears.....	do.....	300.00			300.00
John J. Egan.....	Temporary printer, \$3.25 per day.....	173.87			173.87
J. J. Haworth.....	Temporary printer, \$3.20 per day.....	89.60			89.60
Harry A. Bell.....	Temporary printer, \$3 per day.....	81.00			81.00
E. E. Brady.....	do.....	168.00			168.00
Grace L. Martin.....	do.....	60.00			60.00
William E. Clark.....	Temporary printer, \$2.66½ per day.....	45.33			45.33
A. T. Betzer.....	Temporary printer, \$2.50 per day.....	35.00			35.00
Leo L. Ingraham.....	do.....	85.00			85.00
Maria L. Davenport.....	Temporary assistant.....	20.00			20.00
Nellie J. Thompson.....	Temporary printer.....	2.00			2.00
Walter A. Patterson.....	Temporary assistant.....	12.00			12.00
James Alder.....	Unclassified laborer, \$1.50 per day.....	108.75			108.75
Wm. Alexander.....	do.....	76.50			76.50
James Alder.....	do.....	17.25			17.25
William Ashley.....	do.....	135.75			135.75
S. H. Bascue.....	do.....	3.75			3.75

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Dahl Baxter.....	Unclassified laborer, \$1.50 per day.	\$498.00			\$498.00
Geo. Carroll.....	do.	201.75			201.75
John Carroll.....	do.	18.00			18.00
J. E. Carroll.....	do.	24.00			24.00
John W. Carroll.....	do.	133.50			133.50
Frank Carter.....	do.	246.75			246.75
Newton Clamp.....	do.	45.75			45.75
N. M. Clamp.....	do.	100.50			100.50
N. W. Clamp.....	do.	77.25			77.25
W. E. Copeland.....	do.	3.75			3.75
Albert Elsea.....	do.	142.50			142.50
Robert Elsea.....	do.	46.50			46.50
Ernest Fowler.....	do.	132.00			132.00
John Fowler.....	do.	36.00			36.00
John T. Fowler.....	do.	207.75			207.75
Charles Furr.....	do.	14.25			14.25
James Furr.....	do.	28.50			28.50
James W. Furr.....	do.	181.25			181.25
Moses Furr.....	do.	20.25			20.25
Charles Hummer.....	do.	95.25			95.25
Allen Kelley.....	do.	1.50			1.50
Andrew J. Kelley.....	do.	438.00			438.00
A. W. Kelley.....	do.	43.50			43.50
C. C. Kelley.....	do.	441.00			441.00
John Kelley.....	do.	36.00			36.00
John M. Kelley.....	do.	326.25			326.25
Richard Littleton.....	do.	2.25			2.25
B. J. Lloyd.....	do.	52.50			52.50
J. A. Lloyd.....	do.	13.50			13.50
John L. Lloyd.....	do.	20.25			20.25
R. Lloyd.....	do.	132.00			132.00
Chas. Martz.....	do.	254.00			254.00
Frank Martz.....	do.	147.75			147.75
John Martz.....	do.	13.50			13.50
Samuel Martz.....	do.	305.50			305.50
William Martz.....	do.	184.50			184.50
J. F. Mercer.....	do.	171.00			171.00
M. Mercer.....	do.	51.00			51.00
Powell Mercer.....	do.	177.00			177.00
William Mercer.....	do.	104.25			104.25
M. Moreland.....	do.	57.75			57.75
R. Moreland.....	do.	18.00			18.00
C. H. Payne.....	do.	103.50			103.50
Thomas Poston.....	do.	9.00			9.00
Thomas E. Poston.....	do.	5.25			5.25
W. A. Reid.....	do.	10.50			10.50
M. N. Shafer.....	do.	18.75			18.75
John Shepherd.....	do.	35.25			35.25
Warren Shepherd.....	do.	84.00			84.00
F. R. Shull.....	do.	2.25			2.25
J. J. Shull.....	do.	81.00			81.00
H. Smallwood.....	do.	36.00			36.00
W. H. Smallwood.....	do.	36.00			36.00
Hugh Sowers.....	do.	334.50			334.50
C. C. Starkey.....	do.	450.00			450.00
Ernest Starkey.....	do.	28.50			28.50
Howard Starkey.....	do.	177.75			177.75
J. L. Thompson.....	do.	9.00			9.00
Luther Thompson.....	do.	3.75			3.75
J. Tumblin.....	do.	43.50			43.50
A. W. Wiley.....	do.	12.00			12.00
Thos. W. Wiley.....	do.	61.50			61.50
Edwin S. Dewar.....	Temporary assistant \$1 per day.	10.00			10.00
Emma Jermin.....	do.	2.00			2.00
Luch M. Pursell.....	do.	24.00			24.00
Stanton H. Barrett.....	Temporary messenger boy.	6.00			6.00
Camden W. Belrne.....	do.	65.00			65.00
Elijah H. Benson.....	do.	19.00			19.00
Charles Boehme.....	do.	41.00			41.00
Ida Burns.....	do.	14.00			14.00
Charles A. Coker.....	do.	27.00			27.00
S. L. Diggle.....	do.	8.00			8.00
Ollie Elvigion.....	do.	7.00			7.00
Harriet R. Grasse.....	do.	4.00			4.00
Joseph Grosskrentz.....	do.	14.00			14.00

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
W. L. Hakes.....	Temporary messenger boy.....	\$8.00			\$8.00
Charles E. Hodges.....	do.....	13.00			13.00
Charles N. Hudson.....	do.....	20.00			20.00
Edward R. Jennings.....	do.....	27.00			27.00
Walter Jermin.....	do.....	11.00			11.00
Edward H. Johnson.....	do.....	21.00			21.00
Leo Legler.....	do.....	16.00			16.00
Jean Lewis.....	do.....	12.00			12.00
Henry A. McLeary.....	do.....	33.00			33.00
Ned C. Mann.....	do.....	7.00			7.00
Geo. L. Nixon.....	do.....	31.00			31.00
Harry Nolan.....	do.....	6.00			6.00
Charles H. Parker.....	do.....	12.00			12.00
N. J. Parrott.....	do.....	40.00			40.00
Damar Russell.....	do.....	13.00			13.00
Robert G. Taylor.....	do.....	128.00			128.00
John D. Turner.....	do.....	11.00			11.00
John S. Tyrrell.....	do.....	3.00			3.00
Joseph S. Vick, jr.....	do.....	17.00			17.00
David T. Wade.....	do.....	11.00			11.00
John E. Webb.....	do.....	1.00			1.00
Edwin G. Weeks.....	do.....	6.00			6.00
J. W. Woessener.....	do.....	2.00			2.00
C. Abbe.....	Temporary stenographer.....	38.00			38.00

Total amount paid for salaries outside of Washington under above appropriation, \$491,721.73.
Unexpended balance, \$578.27.

[Appropriation: General expenses, Weather Bureau, 1905, \$572,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Thos. H. King.....	Asst. foreman of division.....	\$1,600.00			\$1,600.00
B. F. Larcombe.....	do.....	1,600.00			1,600.00
L. Winters.....	Proof reader.....	1,400.00			1,400.00
S. C. Long.....	Lithographer.....	1,300.00	\$16.75		1,316.75
O. H. Buhrman.....	Compositor.....	125.01			125.01
C. T. Burns.....	do.....	1,250.00			1,250.00
R. S. Cooper.....	do.....	326.39	5.00		331.39
H. L. Davison.....	do.....	1,111.10			1,111.10
G. W. Duvall.....	do.....	83.33			83.33
L. H. Emmons.....	do.....	1,243.06			1,243.06
S. B. Estes.....	do.....	1,250.00			1,250.00
Francck Farish.....	do.....	508.69			508.69
W. H. Farrington.....	do.....	1,250.00			1,250.00
Wm. M. Garrett.....	do.....	41.66			41.66
Wm. B. Green.....	do.....	1,248.27			1,248.27
J. W. Halford.....	do.....	560.76			560.76
F. O. Hart.....	do.....	92.02			92.02
Daniel McCallum.....	do.....	1,107.67	3.50		1,111.17
J. H. Matile.....	do.....	736.09			736.09
Joseph G. Myers.....	do.....	86.81			86.81
G. F. von Ostermann.....	do.....	468.75	27.00		495.75
E. H. Tabler.....	do.....	131.64			131.64
J. F. Shrigley.....	do.....	157.99			157.99
G. R. Sims.....	do.....	210.07			210.07
H. O. Sink.....	do.....	295.15	12.45		307.60
O. H. Buhrman.....	Pressman.....	663.19			663.19
T. J. Hickman.....	do.....	1,097.22			1,097.22
Wm. J. Norris.....	do.....	59.03			59.03
C. E. Quigley.....	do.....	447.90			447.90
Geo. E. Wallace.....	do.....	125.00			125.00
Geo. Allen.....	Lithographer.....	1,200.00			1,200.00
J. W. Fraber.....	do.....	1,200.00			1,200.00
W. Keough.....	do.....	1,200.00			1,200.00
B. L. Bowen.....	Folder and feeder.....	284.00			284.00

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND, SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
J. D. Burns	Folder and feeder	\$412.00	.....	.....	\$412.00
J. T. S. Burns	do	720.00	.....	.....	720.00
O. H. Buhrman	do	266.00	.....	.....	266.00
E. G. Colvin	do	196.00	.....	.....	196.00
H. A. Fox	do	720.00	.....	.....	720.00
J. N. Kline	do	120.00	.....	.....	120.00
L. M. Wilmeth	do	592.00	.....	.....	592.00
J. W. Wolcott	do	446.00	.....	.....	446.00
H. E. Barnett	do	3.50	.....	.....	3.50
Chas. B. Ford	do	50.75	.....	.....	50.75
M. C. Herndon	do	469.00	.....	.....	469.00
A. E. Hoagland	do	630.00	.....	.....	630.00
J. N. Kline	do	43.75	.....	.....	43.75
G. W. Stewart	do	108.50	.....	.....	108.50
H. Strecker	do	630.00	.....	.....	630.00

Total amount paid for salaries in Washington under above appropriation, \$29,868.30.

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[Outside of Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
B. J. Utley	Rainfall observer, \$7 per month	\$42.00	.....	.....	\$42.00
A. S. Morse	Rainfall observer, \$5 per month	30.00	.....	.....	30.00
H. B. Blake	Rainfall observer, \$4 per month. ^a	33.25	.....	.....	33.25
J. Laird	do. ^a	24.00	.....	.....	24.00
C. F. Stokely	do	12.25	.....	.....	12.25
A. L. Adkins	Rainfall observer, \$3 per month	12.00	.....	.....	12.00
W. H. Armstrong	do	35.20	.....	.....	35.20
F. M. Barker	do. ^a	36.50	.....	.....	36.50
G. Battle	do	18.00	.....	.....	18.00
P. T. Bauman	do	36.00	.....	.....	36.00
H. H. Berg	do	18.00	.....	.....	18.00
G. A. Blair	do	18.00	.....	.....	18.00
H. B. Blake	do. ^a	12.00	.....	.....	12.00
S. E. Blow	do. ^a	11.25	.....	.....	11.25
W. H. Brown	do. ^a	36.50	.....	.....	36.50
R. L. Caldwell	do	16.50	.....	.....	16.50
M. M. Calhoun	do	16.50	.....	.....	16.50
B. F. Camp	do. ^a	36.25	.....	.....	36.25
J. A. Campbell	do	36.00	.....	.....	36.00
J. C. Carr	do	6.00	.....	.....	6.00
Cora B. Chapman	do	18.00	.....	.....	18.00
Helen M. Clark	do. ^a	19.50	.....	.....	19.50
D. K. Collins	do	36.00	.....	.....	36.00
C. D. Cox	do	16.50	.....	.....	16.50
J. M. Cox	do	16.50	.....	.....	16.50
Rufus Cruse	do	36.00	.....	.....	36.00
L. B. Cummings	do. ^a	18.75	.....	.....	18.75
J. E. Davant	do. ^a	27.75	.....	.....	27.75
Laura E. Davant	do	9.00	.....	.....	9.00
Robt. B. Dean	do	19.80	.....	.....	19.80
John W. Edwards	do. ^a	34.75	.....	.....	34.75
W. C. Elder	do	9.00	.....	.....	9.00
W. M. Erwin	do. ^a	36.50	.....	.....	36.50
B. P. Gaillard	do	36.00	.....	.....	36.00
W. R. Goley	do	36.00	.....	.....	36.00
G. W. B. Hale	do	36.00	.....	.....	36.00
J. M. Hall	do	6.00	.....	.....	6.00
J. O. Harris	do	18.00	.....	.....	18.00
A. G. Jewett	do	36.00	.....	.....	36.00
J. Laird	do. ^a	20.50	.....	.....	20.50
E. G. Long	do	31.60	.....	.....	31.60
W. T. Maddox	do	19.00	.....	.....	19.00
W. E. Mathews	do	21.00	.....	.....	21.00
Adolyn G. Miley	do. ^b	38.50	.....	.....	38.50

^a 25 cents for each observation in addition to one day.^b 50 cents for each observation in addition to one day.

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Lee F. Miller.....	Rainfall observer, \$3 per month	\$36.00			\$36.00
Ida J. Milner.....	do	16.50			16.50
A. F. Moore.....	do	18.00			18.00
L. R. Moore.....	do	9.00			9.00
Ira E. Myers.....	do	30.00			30.00
E. A. Newton.....	do	16.50			16.50
Oma Noble.....	do	6.00			6.00
J. F. Page.....	do. ^a	9.25			9.25
L. S. Patterson.....	do	16.50			16.50
E. P. Porter.....	do. ^a	31.85			31.85
E. M. Redd.....	do	36.00			36.00
W. S. Reynolds.....	do	9.00			9.00
H. H. Russell.....	do	10.50			10.50
W. S. Rynearson.....	do	22.60			22.60
E. A. Sinclair.....	do	15.00			15.00
M. C. Skelton.....	do	5.70			5.70
Ella B. Smith.....	do	16.50			16.50
W. B. Spencer.....	do. ^b	20.00			20.00
C. F. Stokey.....	do	10.50			10.50
R. K. Talley.....	do	18.00			18.00
P. O. Unumb.....	do	18.00			18.00
B. J. Utley.....	do	18.00			18.00
G. H. Walker.....	do	16.50			16.50
J. M. Ward.....	do. ^a	32.60			32.60
H. F. Whisler.....	do	24.00			24.00
T. B. Wilder.....	do	18.00			18.00
A. G. Anderson.....	Rainfall observer, 50 cents per observation.	2.00			2.00
W. A. Crawford.....	do	13.00			13.00
H. E. Craven.....	do	1.00			1.00
C. L. Fairchild.....	do	2.50			2.50
H. S. Ferguson.....	do	2.50			2.50
D. B. Gabbert.....	do	.50			.50
M. A. Hayes.....	do	3.00			3.00
J. K. Irving, jr.....	do	1.00			1.00
S. Kelly.....	do	1.00			1.00
C. E. Kissenger.....	do	2.50			2.50
H. J. McSheehy.....	do	3.00			3.00
C. H. Moffatt.....	do	4.00			4.00
H. N. Morphy.....	do	2.50			2.50
F. L. M. Pratt.....	do	2.00			2.00
C. W. Price.....	do	1.50			1.50
J. K. Roberts.....	do	12.00			12.00
A. E. Scoville.....	do	2.50			2.50
C. E. Shankle.....	do	5.00			5.00
W. C. Short.....	do	2.00			2.00
L. C. Smith.....	do	5.00			5.00
C. J. Willson.....	do	3.50			3.50
Daniel Wilson.....	do	2.50			2.50
E. F. Wright.....	do	7.50			7.50
F. W. Duckworth.....	do	3.00			3.00
Wm. C. Bailey.....	Rainfall observer, 25 cents per observation.	.25			.25
R. H. Bedilion.....	do	1.25			1.25
Ethel M. Carter.....	do	.50			.50
Emery P. Moon.....	do	.25			.25
Pitt Ross.....	do	.25			.25
E. A. Troutman.....	do	.75			.75
W. F. Allen.....	Cotton region observer, 20 cents per observation.	39.80			39.80
J. S. Albred.....	do	39.80			39.80
W. B. Anthony.....	do	39.80			39.80
V. B. Atkins.....	do	39.80			39.80
W. Y. Barr.....	do	39.60			39.60
R. W. Bee.....	do	39.60			39.60
J. L. Behmyer.....	do	15.20			15.20
A. M. Bell.....	do	39.60			39.60
Jno. D. Bills.....	do	39.80			39.80
H. W. Blount.....	do	39.80			39.80
Annie M. Bohannon.....	do	15.20			15.20
H. T. Bohannon.....	do	24.60			24.60
Y. C. Bumpass.....	do	24.60			24.60
E. B. Burke.....	do	39.80			39.80
R. S. Burke.....	do	39.80			39.80

^a 25 cents for each observation in addition to one a day.^b 50 cents for each observation in addition to one a day.

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
R. L. Caldwell.....	Cotton region observer, 20 cents per observation.	\$39.80			\$39.80
M. M. Calhoun.....	do	39.60			39.60
J. M. Canada.....	do	39.80			39.80
O. F. Cantwell.....	do	39.80			39.80
John Carter.....	do	9.20			9.20
J. A. Chapman.....	do	39.80			39.80
J. S. Clark.....	do	3.60			39.60
Neal R. Clark.....	do	7.80			7.80
R. W. Clark.....	do	31.40			31.40
Levona Clay.....	do	6.80			6.80
F. Coleman.....	do	39.80			39.80
W. D. Coleman.....	do	38.20			38.20
Henry S. S. Cooper.....	do	39.60			39.60
C. D. Cox.....	do	39.80			39.80
J. M. Cox.....	do	39.80			39.80
P. L. Cowan.....	do	39.80			39.80
J. T. Crawford.....	do	24.60			24.60
M. V. Crawford.....	do	39.80			39.80
H. H. Crisler.....	do	39.80			39.80
S. A. Crittenden.....	do	39.80			39.80
R. C. Crist.....	do	39.80			39.80
J. J. Davidson.....	do	3.80			39.80
B. M. Dans.....	do	39.80			39.80
Tom N. Davis.....	do	39.80			39.80
E. Davison.....	do	23.60			23.60
Florence Deignan.....	do	18.40			18.40
E. E. Dunn.....	do	24.60			24.60
Euphra L. Dunn.....	do	15.20			15.20
W. C. Edler.....	do	15.20			15.20
G. A. Eisenlohr.....	do	39.80			39.80
F. J. Ellis.....	do	39.80			39.80
A. T. B. Etheridge.....	do	39.80			39.80
R. J. Flanson.....	do	19.60			19.60
L. C. Ford.....	do	39.60			39.60
H. R. Froese.....	do	14.20			14.20
R. L. Fry.....	do	39.60			39.60
J. S. Gaillard.....	do	39.80			39.80
R. A. Gibbs.....	do	39.80			39.80
E. L. Gibson.....	do	39.80			39.80
H. K. Gilbert.....	do	39.80			39.80
Chas. A. Glover.....	do	39.80			39.80
W. R. Godfrey.....	do	39.60			39.60
L. D. Godfrey, Jr.....	do	39.80			39.80
W. C. Goosey.....	do	24.60			24.60
W. C. Gore.....	do	21.40			21.40
A. E. Graham.....	do	15.20			15.20
Eva T. Graham.....	do	15.20			15.20
F. R. Graham.....	do	24.20			24.20
G. F. Graham.....	do	24.40			24.40
F. G. Griswold.....	do	24.60			24.60
W. E. Haigh.....	do	15.20			15.20
E. H. Hall.....	do	39.80			39.80
C. M. Hamilton.....	do	39.40			39.40
M. G. Harbison.....	do	39.80			39.80
F. B. Harris.....	do	39.80			39.80
C. Hawkins.....	do	37.80			37.80
James B. Hill.....	do	33.80			39.80
A. B. Hillhouse.....	do	39.60			39.60
John B. Hinds.....	do	39.80			39.80
E. J. Hite.....	do	39.80			39.80
M. Hoffman.....	do	39.80			39.80
Jno. F. Hogins.....	do	39.60			39.60
A. R. Hoiry.....	do	39.80			39.80
J. H. Hudson.....	do	39.80			39.80
W. S. Hunter.....	do	39.80			39.80
J. G. Hutson.....	do	39.80			39.80
Jno. H. Jeffries.....	do	6.00			6.00
A. B. Jones.....	do	39.80			39.80
J. G. Jones.....	do	39.80			39.80
Geo. Kaiser.....	do	39.80			39.80
R. L. King.....	do	39.80			39.80
H. G. Kitchell.....	do	39.80			39.80
W. B. Knight.....	do	15.20			15.20
G. D. C. Lange.....	do	39.80			39.80
J. W. Long.....	do	39.40			38.40
C. D. Longserre.....	do	39.80			39.80

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
E. L. Lucas.....	Cotton region observer, 20 cents per observation.	\$39.80			\$39.80
J. O. McCollister.....	do.	39.40			39.40
M. G. McComb.....	do.	39.80			39.80
J. B. McCook.....	do.	39.80			39.80
N. McLaughlin.....	do.	24.60			24.60
J. A. McNabb.....	do.	39.40			39.40
W. C. Maguire.....	do.	11.60			11.60
C. E. Mann.....	do.	39.80			39.80
Wm. H. Markham.....	do.	15.20			15.20
E. Maxwell.....	do.	15.20			15.20
I. J. Milner.....	do.	39.40			39.40
Samuel Moore.....	do.	39.80			39.80
L. B. Mosby.....	do.	39.80			39.80
H. N. Moses.....	do.	15.20			15.20
M. J. Nash.....	do.	39.40			39.40
J. Newman.....	do.	29.40			29.40
E. A. Newton.....	do.	39.80			39.80
L. M. Nichols.....	do.	.60			.60
Herschel T. Nisbett.....	do.	39.40			39.40
C. Norris.....	do.	34.60			34.60
J. Norris.....	do.	24.60			24.60
Lena S. Patterson.....	do.	39.80			39.80
H. D. Pearce.....	do.	39.80			39.80
Maud C. Penn.....	do.	39.80			39.80
C. A. Pinson.....	do.	24.00			24.00
C. A. Probst.....	do.	15.20			15.20
W. B. Raysor.....	do.	39.80			39.80
A. H. Read, jr.....	do.	39.80			39.80
J. P. Regan.....	do.	39.80			39.80
Sam S. H. Reid.....	do.	4.60			4.60
W. A. Reinhardt.....	do.	15.20			15.20
J. M. Reuss.....	do.	24.60			24.60
D. M. Richards.....	do.	39.80			39.80
F. P. Robinson.....	do.	39.80			39.80
Ira P. Rogers.....	do.	6.20			6.20
Frances G. Ross.....	do.	15.00			15.00
R. H. Rowe.....	do.	21.20			21.20
James S. Ruffin.....	do.	39.80			39.80
Thomas Sasser.....	do.	39.80			39.80
W. J. Savage.....	do.	39.60			39.60
G. A. Schroeder.....	do.	39.80			39.80
J. A. Scott.....	do.	39.80			39.80
R. L. Scott.....	do.	35.20			35.20
C. E. Shankle.....	do.	27.00			27.00
J. W. Shannon.....	do.	39.80			39.80
F. M. Simpson.....	do.	12.20			12.20
E. A. Sinclair.....	do.	24.60			24.60
M. A. Sinclair.....	do.	15.20			15.20
J. G. Sloan.....	do.	39.80			39.80
Ella B. Smith.....	do.	39.80			39.80
L. A. Smith.....	do.	39.80			39.80
L. C. Smith.....	do.	39.80			39.80
Mary A. Smith.....	do.	39.80			39.80
T. E. Speight.....	do.	24.60			24.60
Lillie L. Spence.....	do.	21.40			21.40
Alee Stewart.....	do.	18.40			18.40
Essie C. Stewart.....	do.	6.20			6.20
Joe Stickfort.....	do.	39.80			39.80
L. C. Stone.....	do.	39.80			39.80
Nettie B. Taylor.....	do.	39.80			39.80
R. Thomas, jr.....	do.	39.40			39.40
C. E. Thorne.....	do.	39.80			39.80
J. L. Tindell.....	do.	18.40			18.40
W. M. Towers, jr.....	do.	39.80			39.80
D. R. Troutt.....	do.	39.40			39.40
J. G. Turnipseed.....	do.	39.40			39.40
E. P. Via.....	do.	15.20			15.20
G. H. Walker.....	do.	21.40			21.40
R. W. Walker.....	do.	18.40			18.40
J. S. Wannamaker.....	do.	39.80			39.80
K. I. Webber.....	do.	39.80			39.80
L. M. Wentz.....	do.	39.80			39.80
W. A. White.....	do.	39.80			39.80
J. P. Whitlatch.....	do.	24.60			24.60
J. B. Whitlock.....	do.	39.80			39.80
H. L. D. Whitson.....	do.	39.60			39.60

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
John M. Willeman	Cotton region observer, 20 cents per observation.	\$24.60			\$24.60
J. L. Williams	do	15.20			15.20
E. A. Wimberley	do	15.20			15.20
C. H. Worrall	do	24.60			24.60
C. E. Wood	do	39.80			39.80
J. E. Woodsworth	do	39.40			39.40
H. S. Wynne	do	24.60			24.60
J. J. Abell	Corn and wheat observer, 20 cents per observation.	36.60			36.60
E. H. Adams	do	36.60			36.60
H. K. Adams	do	36.20			36.20
Anna L. Adkins	do	36.60			36.60
L. C. Alcorn	do	36.60			36.60
D. N. Allard	do	36.60			36.60
M. G. Allen	do	36.00			36.00
A. G. Anderson	do	36.40			36.40
J. B. Atkinson	do	36.60			36.60
E. A. Bastien	do	36.60			36.60
L. E. Beauchamp	do	16.60			16.60
Louis Benecke	do	36.40			36.40
P. S. Berg	do	36.60			36.60
D. Bergstresser	do	18.20			18.20
C. P. Blachly	do	36.40			36.40
Angeline Bock	do	36.20			36.20
Wm. Bornemann	do	36.60			36.60
E. E. L. Boyer	do	36.60			36.60
Wm. Breiner	do	36.60			36.60
Fred Brendel	do	18.40			18.40
Jno. R. Brink	do	36.60			36.60
C. E. Burdick	do	18.20			18.20
L. E. Burdick	do	18.40			18.40
Leo K. Carew	do	36.60			36.60
G. D. Carrington	do	36.60			36.60
Laura M. Carter	do	36.60			36.60
Lillie G. Causey	do	36.60			36.60
G. S. Clingman	do	36.60			36.60
G. C. Comstock	do	18.40			18.40
J. H. Coonratt	do	36.60			36.60
E. Corbin	do	36.60			36.60
S. W. Courtright	do	36.60			36.60
W. F. Cramb	do	36.60			36.60
J. W. Crooke	do	36.60			36.60
C. W. Davis	do	18.40			18.40
Edna J. Davis	do	36.60			36.60
Geo. W. Davis	do	36.60			36.60
L. E. Davis	do	36.60			36.60
Wm. J. Davisson	do	36.20			36.20
W. H. Delano	do	36.60			36.60
Irene Dillard	do	6.20			6.20
W. W. Dillard	do	30.00			30.00
J. W. Doolittle	do	36.60			36.60
C. W. Downey	do	36.60			36.60
John Ducharme	do	36.60			36.60
Harry Dumas	do	18.20			18.20
A. J. Eckstein	do	36.60			36.60
D. E. Ewing	do	18.20			18.20
Geo. B. Faxon	do	36.60			36.60
W. L. Fisher	do	36.60			36.60
Jno. H. Frick	do	36.60			36.60
D. G. Gallett	do	36.40			36.40
W. L. Gaston	do	18.00			18.00
J. W. Goodell	do	36.60			36.60
C. C. Gray	do	36.60			36.60
W. J. Green	do	36.60			36.60
C. F. Greening	do	36.20			36.20
Ed. F. Haberlein	do	36.40			36.40
H. H. Haight	do	36.60			36.60
Mary E. C. Hall	do	18.40			18.40
George Harris	do	36.60			36.60
L. P. Haskins	do	18.40			18.40
Harry Heilshorn	do	36.60			36.60
W. H. Henderson	do	36.60			36.60
C. F. Henning	do	18.20			18.20
Jos. F. Hiebel	do	9.00			9.00
R. L. Higginbotham	do	36.60			36.60

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
B. M. Hinman.....	Corn and wheat observer, 20 cents per observation.	\$34.40	.....	.....	\$34.40
James F. Hood.....	do.....	36.60	.....	.....	36.60
J. R. Hopley.....	do.....	36.60	.....	.....	36.60
P. L. Ivanoff.....	do.....	18.20	.....	.....	18.20
B. S. Jones.....	do.....	18.40	.....	.....	18.40
Elizabeth Jones.....	do.....	18.20	.....	.....	18.20
Wm. J. Jones, jr.....	do.....	36.60	.....	.....	36.60
John Judd.....	do.....	36.60	.....	.....	36.60
G. A. Katzenberger.....	do.....	36.60	.....	.....	36.60
Frank W. Keeney.....	do.....	36.60	.....	.....	36.60
J. W. Keithly.....	do.....	36.60	.....	.....	36.60
John N. King.....	do.....	24.40	.....	.....	24.40
A. L. Kuhlman.....	do.....	36.60	.....	.....	36.60
Frank Lamkin.....	do.....	36.60	.....	.....	36.60
John H. Landes.....	do.....	36.60	.....	.....	36.60
Cory L. Lane.....	do.....	36.60	.....	.....	36.60
A. L. Lemon.....	do.....	18.20	.....	.....	18.20
E. W. Lester.....	do.....	36.60	.....	.....	36.60
Savannah Lewis.....	do.....	18.20	.....	.....	18.20
J. F. Llewellyn.....	do.....	36.60	.....	.....	36.60
Jno. A. Long.....	do.....	18.40	.....	.....	18.40
David Lorback.....	do.....	36.60	.....	.....	36.60
G. R. Lumley.....	do.....	13.80	.....	.....	13.80
Richard McBride.....	do.....	36.60	.....	.....	36.60
L. A. McKeever.....	do.....	15.20	.....	.....	15.20
O. G. Malde.....	do.....	6.00	.....	.....	6.00
Chas. O. Maple.....	do.....	36.60	.....	.....	36.60
M. F. Marsh.....	do.....	36.60	.....	.....	36.60
Thos. Mikesell.....	do.....	36.20	.....	.....	36.20
Jno. F. Monk.....	do.....	35.80	.....	.....	35.80
E. A. Moser.....	do.....	36.60	.....	.....	36.60
L. G. Moyer.....	do.....	36.60	.....	.....	36.60
L. Mullen.....	do.....	36.60	.....	.....	36.60
Mary C. Nelson.....	do.....	24.40	.....	.....	24.40
M. Nesbit.....	do.....	36.60	.....	.....	36.60
Martin L. Newton.....	do.....	36.60	.....	.....	36.60
Wm. J. Nicholson.....	do.....	36.60	.....	.....	36.60
Jas. O'Connell.....	do.....	36.60	.....	.....	36.60
Jno. B. Parmelee.....	do.....	36.60	.....	.....	36.60
M. Patterson.....	do.....	36.60	.....	.....	36.60
L. C. Peck.....	do.....	24.40	.....	.....	24.40
A. Peltier.....	do.....	36.60	.....	.....	36.60
G. W. Peoples.....	do.....	36.20	.....	.....	36.20
Jno. A. Perry.....	do.....	36.60	.....	.....	36.60
Jno. A. Peters.....	do.....	36.20	.....	.....	36.20
Earle W. Peterson.....	do.....	36.60	.....	.....	36.60
V. E. Phillips.....	do.....	18.20	.....	.....	18.20
C. W. Pike.....	do.....	36.60	.....	.....	36.60
Roey Poling.....	do.....	36.60	.....	.....	36.60
H. C. Porter.....	do.....	36.60	.....	.....	36.60
Chas. H. Priebe.....	do.....	18.40	.....	.....	18.40
H. W. Preissler.....	do.....	36.60	.....	.....	36.60
W. F. Randle.....	do.....	36.60	.....	.....	36.60
F. L. Ransom.....	do.....	36.60	.....	.....	36.60
E. R. Reeve.....	do.....	36.20	.....	.....	36.20
Nannie M. Rush.....	do.....	36.20	.....	.....	36.20
Chas. J. Salick.....	do.....	36.60	.....	.....	36.60
H. C. Seidel.....	do.....	13.80	.....	.....	13.80
A. J. Sharp.....	do.....	36.60	.....	.....	36.60
Mabel S. Shaw.....	do.....	36.60	.....	.....	36.60
M. W. C. Sheridan.....	do.....	36.60	.....	.....	36.60
W. C. Short.....	do.....	36.20	.....	.....	36.20
Paul P. Shutt.....	do.....	36.60	.....	.....	36.60
Moses Simon.....	do.....	36.60	.....	.....	36.60
Ed. J. Spelman.....	do.....	36.60	.....	.....	36.60
Chas. F. Stokey.....	do.....	36.60	.....	.....	36.60
H. H. Swalm.....	do.....	36.60	.....	.....	36.60
Anna H. Swift.....	do.....	36.60	.....	.....	36.60
G. M. Talbott.....	do.....	36.20	.....	.....	36.20
Homer B. Turrell.....	do.....	36.40	.....	.....	36.40
P. O. Unumb.....	do.....	27.60	.....	.....	27.60
A. S. Van Sandt.....	do.....	36.60	.....	.....	36.60
A. A. Veblen.....	do.....	36.60	.....	.....	36.60
A. S. von Mansfelde.....	do.....	36.60	.....	.....	36.60
P. A. Walling.....	do.....	35.20	.....	.....	35.20
M. A. Webb.....	do.....	36.40	.....	.....	36.40

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
F. U. White.....	Corn and wheat observer, 20 cents per observation.	\$36.60	.....	.....	\$36.60
W. C. White.....	do.....	36.40	.....	.....	36.40
C. E. Wood.....	do.....	17.80	.....	.....	17.80
E. W. Wood.....	do.....	36.60	.....	.....	36.60
Ira L. Woodward.....	do.....	36.60	.....	.....	36.60
T. S. Woodward.....	do.....	36.60	.....	.....	36.60
Jas. Woolner.....	do.....	35.60	.....	.....	35.60
Helen T. Duncan.....	River observer, \$10 per month	10.00	.....	.....	10.00
J. W. Duncan.....	do.....	110.00	.....	.....	110.00
H. C. Eastland.....	do.....	60.00	.....	.....	60.00
R. E. Flanagan.....	do.....	20.00	.....	.....	20.00
Amelia Glover.....	do.....	120.00	.....	.....	120.00
W. A. Joyce.....	do. a.....	120.75	.....	.....	120.75
S. W. Lightner.....	do.....	120.00	.....	.....	120.00
Austin McMahon.....	do.....	30.00	.....	.....	30.00
Michael McMahon.....	do.....	45.00	.....	.....	45.00
B. F. Modisette.....	do.....	120.00	.....	.....	120.00
Webb W. Moquin.....	do.....	30.00	.....	.....	30.00
H. E. Richter.....	do. a.....	73.75	.....	.....	73.75
O. J. Sullivan.....	do.....	40.00	.....	.....	40.00
J. H. Shavelear.....	River observer, \$7.50 per month	90.00	.....	.....	90.00
C. E. Jaynes.....	do.....	90.00	.....	.....	90.00
D. L. Albert.....	River observer, \$7 per month.	49.00	.....	.....	49.00
H. D. Allen.....	do.....	84.00	.....	.....	84.00
S. B. Anderson.....	do.....	84.00	.....	.....	84.00
A. T. Anders.....	do.....	49.00	.....	.....	49.00
P. Andres.....	do.....	35.00	.....	.....	35.00
Chris. W. Apel.....	do.....	84.00	.....	.....	84.00
S. L. Atchley.....	do. a.....	49.75	.....	.....	49.75
A. J. Atkins.....	do. a.....	85.25	.....	.....	85.25
G. W. Baldwin.....	do.....	28.00	.....	.....	28.00
P. C. Battaile.....	do.....	66.97	.....	.....	66.97
Fred Beal.....	do. a.....	84.50	.....	.....	84.50
C. P. Blachly, jr.....	do.....	77.00	.....	.....	77.00
W. L. Blackwell.....	do.....	70.00	.....	.....	70.00
George E. Blake.....	do.....	35.00	.....	.....	35.00
Sadie H. Blake.....	do. a.....	43.00	.....	.....	43.00
R. P. Bloss.....	do.....	28.00	.....	.....	28.00
S. E. Blundell.....	do.....	84.00	.....	.....	84.00
A. L. Boone.....	do.....	44.25	.....	.....	44.25
Dudley D. Booze.....	do.....	84.00	.....	.....	84.00
John M. Botts.....	do.....	28.00	.....	.....	28.00
A. C. Boyd.....	do. a.....	86.25	.....	.....	86.25
H. P. Bridge.....	do. a.....	50.75	.....	.....	50.75
W. S. Brockman.....	do. a.....	42.50	.....	.....	42.50
D. W. Brosnan.....	do. a.....	71.50	.....	.....	71.50
S. W. Brosnan.....	do. a.....	14.25	.....	.....	14.25
M. S. Brown.....	do.....	63.00	.....	.....	63.00
W. H. Brown.....	do.....	63.00	.....	.....	63.00
Chas. N. Bruns.....	do. a.....	85.25	.....	.....	85.25
J. C. Buchanan.....	do.....	84.00	.....	.....	84.00
John P. Buckley.....	do.....	7.00	.....	.....	7.00
DeW. B. Budd.....	do. b.....	34.00	.....	.....	34.00
H. E. Bull.....	do. a.....	86.25	.....	.....	86.25
A. R. Burtner.....	do. a.....	102.50	.....	.....	102.50
Wm. Butler.....	do.....	28.00	.....	.....	28.00
J. C. Carr.....	do.....	70.00	.....	.....	70.00
L. G. Carson.....	do. a.....	90.25	.....	.....	90.25
Lorenzo H. Cattlett.....	do.....	42.00	.....	.....	42.00
F. H. Chipman.....	do.....	42.00	.....	.....	42.00
R. W. Clement.....	do. c.....	50.30	.....	.....	50.30
W. M. Cline.....	do.....	84.00	.....	.....	84.00
S. L. Cluett.....	do.....	28.00	.....	.....	28.00
J. B. Coburn.....	do.....	35.00	.....	.....	35.00
M. E. Coburn.....	do. c.....	115.00	.....	.....	115.00
J. A. Collar.....	do.....	23.33	.....	.....	23.33
G. D. Coleman.....	do.....	39.00	.....	.....	39.00
O. M. Cone.....	do.....	84.00	.....	.....	84.00
A. B. Cosby.....	do.....	24.50	.....	.....	24.50
L. M. Costigan.....	do. b.....	34.00	.....	.....	34.00
F. J. Cowles.....	do.....	10.03	.....	.....	10.03
Annie C. Crawford.....	do.....	84.00	.....	.....	84.00

a 25 cents for each observation in addition to one a day.

b 50 cents for each observation in addition to one a day.

c 10 cents for each report delivered.

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
R. W. Crawford.....	River observer, \$7 per month ^a .	\$22.50	.....	.....	\$22.50
J. W. Crider.....	do.....	7.00	.....	.....	7.00
H. Crumbliss.....	do. ^a	127.75	.....	.....	127.75
R. S. Culbertson.....	do.....	52.50	.....	.....	52.50
A. H. Cullen.....	do.....	6.77	.....	.....	6.77
H. E. Darr.....	do. ^c	88.00	.....	.....	88.00
Cecil Davis.....	do.....	21.00	.....	.....	21.00
C. M. Davis.....	do. ^c	69.25	.....	.....	69.25
G. A. Davis.....	do.....	24.50	.....	.....	24.50
J. L. Dean.....	do. ^c	42.40	.....	.....	42.40
W. P. Denny.....	do.....	49.00	.....	.....	49.00
John Deschneau.....	do.....	84.00	.....	.....	84.00
C. P. Disney.....	do.....	70.00	.....	.....	70.00
W. N. Drewry.....	do.....	63.00	.....	.....	63.00
E. N. Dunn.....	do. ^c	84.75	.....	.....	84.75
J. G. Fairley.....	do. ^c	71.48	.....	.....	71.48
W. Fatout.....	do.....	59.73	.....	.....	59.73
J. W. Fisher.....	do. ^c	84.75	.....	.....	84.75
V. V. Flanagan.....	do.....	84.50	.....	.....	84.50
S. S. Fonda.....	do.....	28.00	.....	.....	28.00
E. L. Forney.....	do. ^c	43.00	.....	.....	43.00
E. A. Forsyth.....	do. ^c	85.00	.....	.....	85.00
S. A. Fowler.....	do.....	84.00	.....	.....	84.00
C. Foxworth, jr.....	do.....	51.33	.....	.....	51.33
J. C. Gallagher.....	do.....	42.00	.....	.....	42.00
F. L. Gallon.....	do.....	84.00	.....	.....	84.00
J. H. Gardiner.....	do.....	28.00	.....	.....	28.00
Harry George.....	do.....	28.00	.....	.....	28.00
L. B. Gilliland, jr.....	do.....	21.00	.....	.....	21.00
Robt. G. Gillum.....	do.....	42.00	.....	.....	42.00
J. A. Gillis.....	do.....	84.00	.....	.....	84.00
D. P. Goodhue.....	do. ^c	85.75	.....	.....	85.75
R. C. Goodrich.....	do.....	84.00	.....	.....	84.00
G. F. Graham.....	do.....	21.00	.....	.....	21.00
M. F. Grayson.....	do.....	84.00	.....	.....	84.00
H. H. Guise.....	do. ^c	85.25	\$3.70	.....	88.95
F. P. Hall.....	do. ^c	91.25	.....	.....	91.25
W. P. Hall.....	do.....	70.00	.....	.....	70.00
Clara D. Hamm.....	do. ^c	85.75	.....	.....	85.75
A. H. Hanson.....	do.....	42.00	.....	.....	42.00
R. T. Harbison.....	do.....	84.00	.....	.....	84.00
Chas. W. Hazell.....	do. ^a	111.77	.....	.....	111.77
J. B. Hemperley.....	do.....	53.90	.....	.....	53.90
O. Hemstreet.....	do. ^c	84.50	.....	.....	84.50
W. P. Henderson.....	do.....	42.00	.....	.....	42.00
J. A. Hendricks.....	do.....	63.00	.....	.....	63.00
John E. Hill.....	do. ^c	80.75	.....	.....	80.75
E. L. Hoffman.....	do.....	28.00	.....	.....	28.00
J. W. Holland.....	do. ^c	73.98	.....	.....	73.98
A. M. Hollister.....	do.....	28.00	.....	.....	28.00
M. A. Holmes.....	do. ^c	86.25	.....	.....	86.25
A. L. Holstein.....	do.....	84.00	.....	.....	84.00
John Holt.....	do.....	80.73	.....	.....	80.73
F. C. Howard.....	do.....	70.00	.....	.....	70.00
S. J. Howe.....	do.....	78.00	.....	.....	78.00
Lon H. Hutchison.....	do. ^c	84.75	.....	.....	84.75
W. R. Johnson.....	do. ^c	90.75	.....	.....	90.75
Margaret S. Keefe.....	do.....	56.00	.....	.....	56.00
W. R. Kenney.....	do.....	70.00	.....	.....	70.00
W. J. Kirk.....	do.....	21.00	.....	.....	21.00
Wm. R. Kirkbride.....	do.....	70.00	.....	.....	70.00
C. M. Knudson.....	do.....	24.50	.....	.....	24.50
Ella Lee Kramer.....	do. ^c	91.00	.....	.....	91.00
J. H. Laden.....	do. ^b	34.50	.....	.....	34.50
W. B. Lemoyne.....	do.....	84.50	.....	.....	84.50
J. H. Ligon.....	do.....	51.10	.....	.....	51.10
J. E. Lipscomb.....	do. ^c	59.98	.....	.....	59.98
B. C. Logan.....	do.....	84.00	.....	.....	84.00
L. S. Long.....	do.....	42.00	.....	.....	42.00
E. C. Lorentz.....	do. ^c	88.75	.....	.....	88.75
Jno. R. Lynch.....	do.....	42.00	.....	.....	42.00
J. M. McAfee.....	do. ^c	45.00	.....	.....	45.00
R. T. McGowan.....	do. ^c	96.75	.....	.....	96.75
J. A. McLendon.....	do. ^c	64.75	.....	.....	64.75

^a 25 cents for each observation in addition to one a day.^b 50 cents for each observation in addition to one a day.^c 10 cents for each report delivered.

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
J. E. McLeod.....	River observer, \$7 per month..	\$21.00	.....	.....	\$21.00
W. H. McMullin.....	do.....	49.00	.....	.....	49.00
J. B. Mackey.....	do.....	28.00	.....	.....	28.00
H. N. Marsh.....	do.....	7.00	.....	.....	7.00
J. M. Mason.....	do. <i>a</i>	70.50	.....	.....	70.50
Sallie B. Mathews.....	do. <i>a</i>	84.25	.....	.....	84.25
R. F. Mathis.....	do.....	84.00	.....	.....	84.00
Chas. T. Maushund.....	do. <i>a</i>	84.25	.....	.....	84.25
Ira O. Matthews.....	do.....	42.00	.....	.....	42.00
Geo. W. Meyers.....	do.....	21.00	.....	.....	21.00
J. Miller.....	do. <i>a</i>	60.93	.....	.....	60.93
M. J. Mins.....	do. <i>a</i>	84.25	.....	.....	84.25
Wm. P. Molis.....	do.....	84.00	.....	.....	84.00
G. H. Monroe.....	do. <i>a</i>	46.00	.....	.....	46.00
Webb W. Moquin.....	do.....	11.20	.....	.....	11.20
A. A. Mueller, jr.....	do.....	16.33	.....	.....	16.33
Lena Munn.....	do. <i>b</i>	13.00	.....	.....	13.00
Wm B. Myers.....	do. <i>a</i>	68.50	.....	.....	68.50
Nellie Nafus.....	do.....	70.00	.....	.....	70.00
A. V. Nelles.....	do.....	84.00	.....	.....	84.00
D. A. Norton.....	do. <i>a</i>	46.00	.....	.....	46.00
M. Norton.....	do.....	42.00	.....	.....	42.00
G. W. Oswald.....	do.....	84.00	.....	.....	84.00
W. G. Palmer.....	do.....	35.00	.....	.....	35.00
J. F. Park.....	do.....	84.00	.....	.....	84.00
A. B. Payne.....	do. <i>a</i>	87.00	.....	.....	87.00
Geo. E. Pegram.....	do. <i>a</i>	84.25	.....	.....	84.25
Frank A. Perley.....	do.....	42.00	.....	.....	42.00
H. M. Phillips.....	do. <i>c</i>	114.90	.....	.....	114.90
J. M. Phipps.....	do. <i>a</i>	42.75	.....	.....	42.75
C. M. Phister.....	do. <i>a</i>	58.75	.....	.....	58.75
A. H. Pickard.....	do.....	28.00	.....	.....	28.00
E. C. Pickering.....	do.....	84.00	.....	.....	84.00
H. E. Pipot.....	do.....	24.50	.....	.....	24.50
J. S. Plantz.....	do.....	84.00	.....	.....	84.00
J. H. Powe.....	do. <i>a</i>	85.25	.....	.....	85.25
F. R. Proudfoot.....	do. <i>a</i>	89.00	.....	.....	89.00
Thomas Purcell.....	do.....	70.00	.....	.....	70.00
Wm. Quackenbush.....	do.....	28.00	.....	.....	28.00
Tom J. Quinn.....	do.....	9.80	.....	.....	9.80
C. Randecker.....	do. <i>d</i>	26.98	.....	.....	26.98
S. A. Reed.....	do.....	28.00	.....	.....	28.00
E. E. Richards.....	do.....	83.54	.....	.....	83.54
Maggie Rinkle.....	do. <i>e</i>	147.75	.....	.....	147.75
D. D. Rist.....	do.....	42.00	.....	.....	42.00
Arthur Roberts.....	do. <i>a</i>	84.25	.....	.....	84.25
Luke Roberts.....	do.....	84.00	.....	.....	84.00
L. C. Rodibaugh.....	do. <i>a</i>	92.00	.....	.....	92.00
F. R. Roers.....	do.....	42.00	.....	.....	42.00
C. D. Ross.....	do.....	17.03	.....	.....	17.03
Eugene Rousseau.....	do.....	21.00	.....	.....	21.00
W. O. Rousseau.....	do.....	3.50	.....	.....	3.50
Geo. E. Rumery.....	do.....	21.00	.....	.....	21.00
Henry A. Sample.....	do.....	52.50	.....	.....	52.50
Gustave Schaefer.....	do.....	84.00	.....	.....	84.00
Cora A. Schaum.....	do. <i>a</i>	77.25	.....	.....	77.25
E. E. Schroeder.....	do.....	67.67	.....	.....	67.67
J. H. Sherman.....	do.....	51.10	.....	.....	51.10
C. T. Shuler.....	do.....	84.00	.....	.....	84.00
L. F. Sickenberger.....	do.....	84.00	.....	.....	84.00
A. F. Sickman.....	do. <i>a</i>	43.75	.....	.....	43.75
J. K. Simpson.....	do. <i>a</i>	92.25	.....	.....	92.25
Arthur G. Smith.....	do.....	56.00	.....	.....	56.00
D. W. Smith.....	do. <i>a</i>	71.00	.....	.....	71.00
Grace P. Smith.....	do. <i>a</i>	21.75	.....	.....	21.75
J. G. Smith.....	do.....	84.00	.....	.....	84.00
Mary S. Smith.....	do.....	84.00	.....	.....	84.00
C. M. Spencer.....	do.....	59.73	.....	.....	59.73
C. Sprague.....	do. <i>a</i>	84.75	.....	.....	84.75
H. H. Starkweather.....	do.....	77.00	.....	.....	77.00
Wm. E. Stearns.....	do.....	42.00	.....	.....	42.00

a 25 cents for each observation in addition to one a day.*b* 50 cents for each observation in addition to one a day.*c* 10 cents for each report delivered.*d* 15 cents for each report delivered.*e* 25 cents for each report delivered.

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
C. G. Stigall	River observer, \$7 per month ^a .	\$115.40			\$115.40
C. W. Stone	do.	84.00			84.00
J. H. Stoner	do.	77.75			77.75
H. R. Streeter	do. ^b	28.50			28.50
J. E. Swann	do. ^c	50.25			50.25
Nelson O. Swift	do.	28.00			28.00
F. W. Teeter	do. ^c	50.50			50.50
L. I. Teter	do. ^c	22.50			22.50
F. P. Thompson	do. ^c	70.75			70.75
John Thompson	do.	84.00			84.00
J. K. Thompson	do.	18.67			18.67
M. A. Tonery	do. ^c	85.00			85.00
Royal S. Toogood	do.	77.00			77.00
W. M. Towers	do. ^c	86.00			86.00
Clyde Tunnell	do.	84.00			84.00
H. Turk	do. ^c	91.50			91.50
L. E. Venable	do.	84.00			84.00
J. B. Vergho	do. ^c	46.98			46.98
J. J. Vrooman	do.	28.00			28.00
J. S. Walter	do.	45.73			45.73
C. G. Watkins	do.	84.00			84.00
J. C. Weir, jr.	do.	84.00			84.00
H. A. Wentworth	do.	35.00			35.00
R. C. West	do.	28.00			28.00
J. C. Whitake	do. ^c	86.00			86.00
G. V. White	do.	42.00			42.00
L. White	do. ^c	50.75			50.75
R. T. Wilkinson	do. ^c	24.75			24.75
J. P. Williams	do.	38.73			38.73
J. L. Willis	do.	59.50			59.50
L. W. Willis	do.	63.00			63.00
W. F. Willis	do.	28.00			28.00
F. C. Wintermute	do. ^c	70.50			70.50
Wm. Wood	do.	70.00			70.00
G. A. Wright	do. ^b	49.00			49.00
W. S. Wyman	do. ^c	85.25			85.25
F. Yager	do.	70.00			70.00
G. W. Yeargin	do.	56.00			56.00
Chas. V. York	do.	7.00			7.00
C. W. Young	do.	28.00			28.00
J. T. Weeks	do. ^c	84.25			84.25
John Bender	River observer, \$6 per month.	72.00			72.00
Sophie Bridge	do.	72.00			72.00
A. F. Buchanan	do.	72.00			72.00
Royal Dennis	do. ^c	72.50			72.50
A. E. Dunnivant	do. ^c	26.75			26.75
F. W. Eisenlohs	do. ^c	73.00			73.00
J. Griffith	do.	72.00			72.00
S. E. Hall	do. ^c	74.25			74.25
Emily Higdon	do.	72.00			72.00
J. M. Johnson	do.	50.80			50.80
T. A. Johnson	do. ^c	76.75			76.75
W. E. Lee	do. ^c	72.25			72.25
Chas. S. McElroy	do. ^c	72.50			72.50
C. A. Miller	do. ^b	57.50			57.50
J. W. Parker	do.	18.00			18.00
Sarah E. Pearce	do.	72.00			72.00
Nina Whitlock	do.	72.00			72.00
C. C. Zirjacks	do. ^c	51.00			51.00
J. P. Austin	River observer, \$5 per month.	30.00			30.00
M. P. Baldwin	do. ^c	60.75			60.75
I. W. Beelar	do.	5.00			5.00
M. F. Brooks	do.	60.00			60.00
S. L. Brooks	do.	60.00			60.00
M. A. Butler	do. ^c	60.25			60.25
W. H. Calhoun	do.	60.00			60.00
G. W. Cann	do.	60.00			60.00
G. W. Chaffin	do.	20.00			20.00
Michael Cooney	do.	60.00			60.00
H. C. Eastland	do. ^c	15.75			15.75
F. M. French	do. ^c	60.50			60.50
J. E. Harris, jr.	do. ^b	64.50			64.50
Mary R. Laing	do.	15.00			15.00

^a 10 cents for each report delivered.^b 50 cents for each observation in addition to one a day.^c 25 cents for each observation in addition to one a day.

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
E. M. Le Fevre.....	River observer, \$5 per month <i>a</i> .	\$90.50			\$90.50
H. B. McCall.....	do. <i>a</i>	60.75			60.75
M. D. McKee.....	do.....	55.00			55.00
A. O. Matthews.....	do.....	60.00			60.00
W. C. Mooney.....	do.....	30.00			30.00
J. V. Oldham.....	do. <i>a</i>	62.25			62.25
Peter J. Pfeiffer.....	do.....	60.00			60.00
A. A. Piper.....	do.....	60.00			60.00
M. C. Power.....	do.....	30.00			30.00
Saml. P. Power, jr.....	do.....	30.00			30.00
McQ. Quattlebaum.....	do. <i>a</i>	61.00			61.00
D. D. Rist.....	do. <i>a</i>	33.25			33.25
G. W. Sewell.....	do.....	37.67			37.67
B. W. Smith.....	do.....	5.00			5.00
M. Thompson.....	do.....	60.00			60.00
M. A. Van Etten.....	do. <i>a</i>	50.75			50.75
H. Van Henren.....	do.....	60.00			60.00
Mary A. Webster.....	do. <i>b</i>	45.50			45.50
J. L. Welch.....	do.....	60.00			60.00
Jos. A. Ling.....	River observer, \$4 per month.	18.00			18.00
Robt. G. Gillum.....	River observer, \$3 per month.	22.00			22.00
Samuel Kingsnorth.....	do.....	36.00			36.00
Lynn Leonard.....	do.....	30.00			30.00
G. A. Wright.....	do. <i>b</i>	12.50			12.50
Jasper N. Broyler.....	River observer, \$1 per observation.	25.00			25.00
Frank D. McBride.....	do.....	21.00			21.00
Pitt Ross.....	do.....	9.00			9.00
F. G. Tracy.....	do.....	1.00			1.00
T. S. Anderson.....	River observer, 50 cents per observation.	3.50			3.50
J. H. Baird.....	do.....	.50			.50
A. M. Causey.....	do.....	5.00			5.00
J. M. Coffin.....	do.....	3.50			3.50
S. W. Courtright.....	do.....	3.50			3.50
C. A. Drodgy.....	do.....	4.00			4.00
N. A. Fedderly.....	do.....	21.50			21.50
C. E. Hoadley.....	do.....	1.00			1.00
Wm. P. Hughes.....	do.....	6.50			6.50
J. F. Keyser.....	do.....	8.50			8.50
J. W. Lapish.....	do.....	6.50			6.50
Edward Mahoney.....	do.....	8.00			8.00
J. H. Miller.....	do.....	3.00			3.00
F. D. Murphy.....	do.....	3.00			3.00
R. B. Nicholsen.....	do.....	3.00			3.00
Ellinor Potts.....	do.....	3.50			3.50
I. Pritchett.....	do.....	3.50			3.50
H. O. Rawlins.....	do.....	3.50			3.50
B. F. Saunders.....	do.....	23.50			23.50
John Shelly.....	do.....	5.50			5.50
S. A. Smith.....	do.....	4.00			4.00
S. N. Sorrell.....	do.....	6.00			6.00
L. J. Sugrue.....	do.....	.50			.50
A. R. Williams.....	do.....	5.00			5.00
N. G. Woodward.....	do.....	1.50			1.50
E. Yoest.....	do.....	10.50			10.50
J. H. Zirkle.....	do.....	.50			.50
H. B. P. Carden.....	River observer, 25 cents per observation.	4.00			4.00
W. K. De Jarnatt.....	do.....	7.50			7.50
S. N. Feldheim.....	do.....	.25			.25
Marion Duggan.....	Cleaner, \$10 per month.	30.00			30.00
Leo Jorgensen.....	do.....	50.00			50.00
Thos. M. Pierce.....	do.....	40.00			40.00
Charles A. Blummer.....	Cleaner, \$5 per month.	30.00			30.00
John T. Myers.....	do.....	60.00			60.00
Mill Valley and Mount Tamalpais Scenic Rwy.	do.....	60.00			60.00
Miguel Rodriguez.....	do.....	30.00			30.00
Carmelo Sevilla.....	do.....	50.00			50.00
W. Ellis.....	Cleaner, \$4 per month.	48.00			48.00
L. A. Johnston.....	Cleaner, \$2.50 per month.	15.00			15.00

a 25 cents for each observation in addition to one a day.*b* 50 cents for each observation in addition to one a day.

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
F. W. Bailey.....	Great Salt Lake observer, \$1 per month.	\$6.00	.....	.....	\$6.00
L. C. Ballard.....	Snow and ice observer, 25 cents per observation.	4.25	.....	.....	4.25
Ch. Ebbighausen.....	do	4.25	.....	.....	4.25
D. Frank Thompson.....	do	4.25	.....	.....	4.25
D. F. Webber.....	do	4.25	.....	.....	4.25
D. R. Goodlander.....	River and ice observer, 50 cents per report.	.50	.....	.....	.50
R. J. Holland.....	do	.50	.....	.....	.50
G. B. Rhawn.....	do	.00	.....	.....	1.00
J. S. Schnars.....	do	.50	.....	.....	.50
Wm. Harris.....	Snowfall observer, \$3 per month.	12.00	.....	.....	12.00
Geo. A. Montrose.....	do	12.00	.....	.....	12.00
S. E. Patterson.....	do	12.00	.....	.....	12.00
A. J. Rother.....	do	12.00	.....	.....	12.00
F. R. Williams.....	do	12.00	.....	.....	12.00
Robt. Jesse Miller.....	Hurricane season observer, \$25 per month.	125.00	.....	.....	125.00
E. C. Newsam.....	do	125.00	.....	.....	125.00
W. A. R. Rawle.....	do	125.00	.....	.....	125.00
J. M. Bonney.....	Sugar and rice observer, 20 cents per observation.	39.80	.....	.....	39.80
A. O. Boudreaux.....	do	39.80	.....	.....	39.80
J. F. Buch.....	do	39.80	.....	.....	39.80
C. Champagne.....	do	39.80	.....	.....	39.80
A. P. McNeill.....	do	39.80	.....	.....	39.80
C. V. Moore.....	do	39.80	.....	.....	39.60
A. Moresi.....	do	39.80	.....	.....	39.80
S. F. Morgan.....	do	24.60	.....	.....	24.60
E. M. Park.....	do	39.80	.....	.....	39.80
J. L. Westbrook.....	do	15.20	.....	.....	15.20
M. C. Baer.....	Fruit and wheat observer, 20 cents per observation.	13.80	.....	.....	13.80
Albert Bettens.....	do	10.40	.....	.....	10.40
Lazar E. Blockman.....	do	12.80	.....	.....	12.80
Hettie Boalt.....	do	15.60	.....	.....	15.60
Wes K. De Jarnatt.....	do	15.60	.....	.....	15.60
H. S. Ellerman.....	do	4.40	.....	.....	4.40
R. K. Gentry.....	do	5.20	.....	.....	5.20
G. D. Kellogg.....	do	15.00	.....	.....	15.00
Squire W. Knowles.....	do	10.40	.....	.....	10.40
A. E. Lister.....	do	10.40	.....	.....	10.40
M. L. McDonald, jr.....	do	15.00	.....	.....	15.00
Wm. H. Martin.....	do	11.40	.....	.....	11.40
E. A. Meacham.....	do	14.40	.....	.....	14.40
A. W. Schorn.....	do	10.40	.....	.....	10.40
Elmer G. Still.....	do	15.20	.....	.....	15.20
J. N. Thompson.....	do	15.40	.....	.....	15.40
E. S. Waugenheim.....	do	15.60	.....	.....	15.60
H. E. Wetzel.....	do	15.60	.....	.....	15.60
E. L. Wheatley.....	do	14.60	.....	.....	14.60
Thomas C. Dillon.....	Storm warning displayman, \$20 per month.	240.00	.....	.....	240.00
John E. Gatfield.....	do	240.00	.....	.....	240.00
F. L. Lawes.....	do	180.00	.....	.....	180.00
Wm. D. Martin.....	do	180.00	.....	.....	180.00
T. P. Masters.....	do	100.00	.....	.....	100.00
W. R. Powell.....	do	140.00	.....	.....	140.00
T. Haggerty.....	Storm warning displayman, \$16 per month.	192.00	.....	.....	192.00
N. P. Arnold.....	Storm warning displayman, \$15 per month.	120.50	.....	.....	120.50
G. M. Bouchier.....	do	15.00	.....	.....	15.00
Horace Brown.....	do	130.00	.....	.....	130.00
Mary Ann Cook.....	do	127.00	.....	.....	127.00
C. T. Dagwell.....	do	180.00	.....	.....	180.00
M. H. Essing.....	do	38.00	.....	.....	38.00
F. C. Fuss.....	do	150.00	.....	.....	150.00
F. L. Lawes.....	do	120.00	.....	.....	120.00
E. M. Fisher.....	Storm warning displayman, \$12.50 per month.	150.00	.....	.....	150.00
Sara C. Fuller.....	Storm warning displayman, \$12.25 per month.	147.00	.....	.....	147.00
Hiram Daggett.....	Storm warning displayman, \$12 per month.	144.00	.....	.....	144.00
F. J. Massaid.....	do	144.00	.....	.....	144.00
E. L. Paine.....	do	108.00	.....	.....	108.00

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
I. M. Small.....	Storm warning displayman, \$12 per month.	\$144.00	.....	.....	\$144.00
Sara C. Weeks.....	do.	36.00	.....	.....	36.00
W. M. Abbott.....	Storm warning displayman, \$10 per month.	120.00	.....	.....	120.00
S. J. Arner.....	do.	80.33	.....	.....	80.33
L. J. Bayerl.....	do.	25.33	.....	.....	25.33
J. S. Barram.....	do.	80.33	.....	.....	80.33
Gideon Bowlley.....	do.	120.00	.....	.....	120.00
W. S. Bricker.....	do.	120.00	.....	.....	120.00
Willard Brumfield.....	do.	120.00	.....	.....	120.00
Harry Busselberg.....	do.	120.00	.....	.....	120.00
J. F. Byrne.....	do.	120.00	.....	.....	120.00
Barbara Carland.....	do.	80.33	.....	.....	80.33
A. M. Carlson.....	do.	80.00	.....	.....	80.00
Katie D. Church.....	do.	90.00	.....	.....	90.00
M. A. Clark.....	do.	120.00	.....	.....	120.00
W. A. Coe.....	do.	120.00	.....	.....	120.00
L. O. Collins.....	do.	80.33	.....	.....	80.33
M. Coguenhem.....	do.	120.00	.....	.....	120.00
F. V. Davis.....	do.	80.33	.....	.....	80.33
Eva E. Day.....	do.	120.00	.....	.....	120.00
Anna Donahue.....	do.	25.33	.....	.....	25.33
J. B. Donahue.....	do.	55.00	.....	.....	55.00
J. C. Dorchester.....	do.	80.33	.....	.....	80.33
Anna Dustin.....	do.	105.67	.....	.....	105.67
J. L. Eaton.....	do.	120.00	.....	.....	120.00
J. O. Ellison.....	do.	12.67	.....	.....	12.67
B. G. Ferguson.....	do.	70.33	.....	.....	70.33
Geo. L. Ferrin.....	do.	120.00	.....	.....	120.00
Lee Fisk.....	do.	67.67	.....	.....	67.67
Adelaide F. Foster.....	do.	120.00	.....	.....	120.00
F. E. Foster.....	do.	20.00	.....	.....	20.00
C. M. Foust.....	do.	80.33	.....	.....	80.33
Carrie M. Frahm.....	do.	80.33	.....	.....	80.33
Jane M. Fuller.....	do.	120.00	.....	.....	120.00
M. E. Gallagher.....	do.	120.00	.....	.....	120.00
Mary T. Gallagher.....	do.	120.00	.....	.....	120.00
H. L. Halvarson.....	do.	54.67	.....	.....	54.67
T. C. Hamilton.....	do.	10.00	.....	.....	10.00
H. Hamilton.....	do.	120.00	.....	.....	120.00
T. M. Hannon.....	do.	80.33	.....	.....	80.33
C. T. Holmes.....	do.	25.33	.....	.....	25.33
John Hyslop.....	do.	120.00	.....	.....	120.00
A. D. Laughlin.....	do.	80.33	.....	.....	80.33
C. W. Layton.....	do.	10.00	.....	.....	10.00
A. Liberman.....	do.	80.33	.....	.....	80.33
C. E. Lillyblad.....	do.	80.33	.....	.....	80.33
E. W. Long.....	do.	80.33	.....	.....	80.33
W. Lory.....	do.	120.00	.....	.....	120.00
S. P. Luchie.....	do.	120.00	.....	.....	120.00
C. H. McCobb.....	do.	120.00	.....	.....	120.00
Wm. McComb.....	do.	80.33	.....	.....	80.33
C. E. McCormick.....	do.	80.33	.....	.....	80.33
W. S. McDermott.....	do.	80.33	.....	.....	80.33
Joseph McLaughlin.....	do.	80.33	.....	.....	80.33
A. C. McMillin.....	do.	80.33	.....	.....	80.33
F. L. Macintosh.....	do.	120.00	.....	.....	120.00
Flora Marquette.....	do.	80.33	.....	.....	80.33
Wm. D. Martin.....	do.	80.00	.....	.....	80.00
H. S. Matthews.....	do.	60.00	.....	.....	60.00
Robt. Maxwell.....	do.	80.33	.....	.....	80.33
A. M. E. Moreney.....	do.	80.33	.....	.....	80.33
James C. Morrell.....	do.	55.00	.....	.....	55.00
Sarah Morrison.....	do.	80.33	.....	.....	80.33
E. A. Motley.....	do.	80.33	.....	.....	80.33
Chas. E. Motley, jr.....	do.	80.33	.....	.....	80.33
John Nagle.....	do.	120.00	.....	.....	120.00
D. O. Newberry.....	do.	120.00	.....	.....	120.00
Alfred Nickerson.....	do.	120.00	.....	.....	120.00
E. C. Nickerson.....	do.	120.00	.....	.....	120.00
A. Nolen.....	do.	80.33	.....	.....	80.33
Mary E. Olsen.....	do.	80.33	.....	.....	80.33
E. A. Ostergren.....	do.	25.33	.....	.....	25.33
C. E. Persons.....	do.	80.33	.....	.....	80.33
Henry D. Pillichody.....	do.	120.00	.....	.....	120.00

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
E. J. Plough.....	Storm warning displayman, \$10 per month.	\$80.33	.....	.....	\$80.33
F. Plummer.....	do.	120.00	.....	.....	120.00
J. B. Reinheimer.....	do.	70.33	.....	.....	70.33
F. F. Remington.....	do.	55.00	.....	.....	55.00
W. B. Risley.....	do.	80.33	.....	.....	80.33
J. R. Robb.....	do.	80.33	.....	.....	80.33
M. F. Robinson.....	do.	120.00	.....	.....	120.00
Thomas Robinson.....	do.	120.00	.....	.....	120.00
M. L. Root.....	do.	80.33	.....	.....	80.33
Chas. P. Searle.....	do.	120.00	.....	.....	120.00
Charles Sbea.....	do.	120.00	.....	.....	120.00
A. P. Skinner.....	do.	120.00	.....	.....	120.00
R. M. Small.....	do.	80.33	.....	.....	80.33
Donald Smith.....	do.	80.00	.....	.....	80.00
F. N. Smith.....	do.	80.33	.....	.....	80.33
Girdler Stacy.....	do.	120.00	.....	.....	120.00
Chas. S. Stevens.....	do.	70.33	.....	.....	70.33
J. D. Sykes.....	do.	110.00	.....	.....	110.00
Nellie W. Telft.....	do.	30.00	.....	.....	30.00
A. E. Thomas.....	do.	80.33	.....	.....	80.33
J. E. Tobin.....	do.	40.33	.....	.....	40.33
T. C. Torrison.....	do.	80.33	.....	.....	80.33
T. H. Tristram.....	do.	10.00	.....	.....	10.00
Lena Truedell.....	do.	80.00	.....	.....	80.00
J. G. Upthegrove.....	do.	80.33	.....	.....	80.33
Jannie Van Weelden.....	do.	120.00	.....	.....	120.00
F. H. Wade.....	do.	80.33	.....	.....	80.33
Mabel T. Weir.....	do.	80.33	.....	.....	80.33
J. S. Barney.....	Storm warning displayman, \$9 per month.	72.50	.....	.....	72.50
E. J. Clemons.....	do.	45.30	.....	.....	45.30
E. J. Dinneen.....	do.	72.30	.....	.....	72.30
A. M. Eldredge.....	do.	72.30	.....	.....	72.30
M. M. Farrell.....	do.	72.30	.....	.....	72.30
T. L. O'Connor.....	do.	45.30	.....	.....	45.30
V. M. Rice.....	do.	72.30	.....	.....	72.30
Clark M. Stearne.....	do.	72.30	.....	.....	72.30
C. S. Kenyon.....	Storm warning displayman, \$8.33 per month.	100.00	.....	.....	100.00
Thos. Duncan.....	Storm warning displayman, \$8 per month.	96.00	.....	.....	96.00
Enoch B. Stevens.....	do.	96.00	.....	.....	96.00
A. H. Webb.....	do.	96.00	.....	.....	96.00
Joseph Lawrence.....	Storm warning displayman, \$7 per month.	84.00	.....	.....	84.00
W. M. Tupper.....	do.	84.00	.....	.....	84.00
Wm. H. Bennett.....	Storm warning displayman, \$6 per month.	24.00	.....	.....	24.00
John Graham.....	do.	48.00	.....	.....	48.00
John W. Tait.....	do.	48.20	.....	.....	48.20
J. H. Barraclough.....	Storm warning displayman, \$5.50 per month.	66.00	.....	.....	66.00
James E. Cotler.....	Storm warning displayman, \$5.25 per month.	63.00	.....	.....	63.00
H. L. Arnold.....	Storm warning displayman, \$5 per month.	12.67	.....	.....	12.67
J. H. Brikford.....	do.	45.00	.....	.....	45.00
L. A. Bishop.....	do.	60.00	.....	.....	60.00
E. V. Blackman.....	do.	60.00	.....	.....	60.00
M. F. Bond.....	do.	60.00	.....	.....	60.00
M. J. Brannan.....	do.	60.00	.....	.....	60.00
H. G. Bruckmyer.....	do.	60.00	.....	.....	60.00
C. E. Burrows.....	do.	60.00	.....	.....	60.00
J. J. Cason.....	do.	60.00	.....	.....	60.00
F. C. Connor.....	do.	10.00	.....	.....	10.00
F. S. Dow.....	do.	42.50	.....	.....	42.50
Wm. B. C. Durgee.....	do.	60.00	.....	.....	60.00
H. M. Ellis.....	do.	60.00	.....	.....	60.00
M. N. Fisher.....	do.	60.00	.....	.....	60.00
Henry Fox.....	do.	12.67	.....	.....	12.67
Kate L. Garrity.....	do.	40.17	.....	.....	40.17
J. W. Geraty.....	do.	60.00	.....	.....	60.00
M. M. Greisser.....	do.	40.17	.....	.....	40.17
Ed Keimer.....	do.	27.50	.....	.....	27.50
Anna J. Lewis.....	do.	27.50	.....	.....	27.50

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
J. B. Lutterloh.....	Storm warning displayman, \$5 per month.	\$60.00	.....	.....	\$60.00
Mary Lysaght.....	do	35.17	.....	.....	35.17
Sara E. McGaw.....	do	39.99	.....	.....	39.99
Riley J. McMaster.....	do	30.00	.....	.....	30.00
H. S. Matthews.....	do	30.00	.....	.....	30.00
J. R. Palmer.....	do	10.00	.....	.....	10.00
F. Pool.....	do	12.67	.....	.....	12.67
Geo. N. Scanlan.....	do	50.00	.....	.....	50.00
Philip Shore.....	do	30.00	.....	.....	30.00
F. A. Snow.....	do	60.00	.....	.....	60.00
Chas. B. Spencer.....	do	60.00	.....	.....	60.00
J. D. Sykes.....	do	5.00	.....	.....	5.00
W. W. Thomas, jr.....	do	40.17	.....	.....	40.17
W. T. Turbeville.....	do	60.00	.....	.....	60.00
H. J. Usina.....	do	50.00	.....	.....	50.00
M. A. Van Putten.....	do	2.67	.....	.....	2.67
Geo. H. Vroman.....	do	5.00	.....	.....	5.00
I. P. Weckler.....	do	60.00	.....	.....	60.00
A. R. Whittemore.....	do	27.50	.....	.....	27.50
H. T. Bacon.....	Storm warning displayman, \$2.50 per month.	30.00	.....	.....	30.00
J. B. Saucier.....	do	30.00	.....	.....	30.00
Conrad W. Schmid....	Storm warning displayman, \$2.08 per month.	25.00	.....	.....	25.00

Total amount paid for salaries outside of Washington under above appropriation, \$46,379.05.

STATIONERY.

Name.	Amount.	Name.	Amount.
W. S. Albertson.....	\$11.50	Lamb & Tilden.....	\$249.72
The American Crayon Co.....	52.84	Library Bureau.....	21.90
The American News Co.....	106.00	Philip Lindemeyer.....	1,081.23
American Writing Paper Co.....	161.07	H. P. Lowe & Bro.....	2.60
R. P. Andrews & Co. (Incorporated)	1,868.05	Lowman & Hanford Stationery and	
Baker Office Furniture Co.....	12.00	Printing Co.....	5.90
Baker-Trisler Co.....	2.05	John J. McLean.....	2.00
R. Carter Ballantyne.....	1,515.53	Ed McNamara.....	2.00
Banning & McFeely.....	3.75	Jackson Marshall Co.....	69.40
J. Baumgarten & Sons.....	177.98	Maverick-Clarke Lithograph Co.....	3.00
Beardsley & Finney.....	3.50	Millison Office Supply Co.....	3.00
The Beck Duplicator Co.....	43.17	E. Morrison Paper Co.....	103.83
C. S. Braisted.....	200.89	Nichols & Barnum.....	3.00
E. H. Brown.....	1.45	Old Dominion Paper Co.....	133.25
E. M. Burbeck.....	3.10	D. Frank Parker.....	6,061.30
Buxton & Skinner Stationery Co.....	2.80	Reinhardt & Co.....	2,078.34
Cameron, Amberg & Co.....	2.50	Remington Typewriter Co.....	680.56
Clarke & Courts.....	5.00	Fred A. Schmidt.....	291.79
Commercial Stamp Co.....	700.50	Smith, Bradner & Co.....	72.00
H. S. Crocker Co.....	2.40	The Smith Premier Typewriter Co.....	1,666.00
Arch Cunningham.....	8.95	Sourwine & Hartwell.....	1.25
Samuel Cupples Envelope Co.....	537.68	F. A. Stephens.....	2.85
H. C. Davison & Co.....	361.49	Stoll & Thayer Co.....	4.00
Dearborn & Warfield.....	9.00	H. S. Stringfellow.....	2.60
Densmore Typewriter Co.....	12.25	W. L. Swayze.....	12,362.11
A. R. Derge & Co.....	2.65	Swayze, Bailey & Co.....	215.00
Eberhard Faber.....	998.94	D. A. Tower.....	9.86
Foster & Webb.....	.65	John Underwood & Co.....	25.26
The J. K. Gill Co.....	3.00	Underwood Typewriter Co.....	174.00
Grable & Collings Co.....	3.00	Union Envelope Co.....	311.57
Jno. W. Graham & Co.....	1.60	United States Envelope Co.....	1,099.04
C. H. Hanson.....	4.75	Valley Paper Co.....	1,066.11
F. G. & A. Howald.....	13.10	Albert Wolf.....	810.00
Chas. Eneu Johnson & Co.....	1,675.65	H. Wollenberg.....	3.50
S. A. D. Keister.....	3.25	Wm. H. Wranek.....	5.50

Total amount paid for stationery under above appropriation, \$37,135.51.

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
W. M. Abbott.....	\$7.50	J. Frank Beck.....	\$12.00
C. A. Abernathy.....	8.00	Henry Beckman & Son.....	5.00
The Acetylene Co.....	75.60	R. H. Bedillon.....	15.00
C. E. Adams.....	1.00	George Beesley.....	144.00
J. Q. Adams.....	129.96	Harvey C. Beeson.....	25.00
W. H. Addison.....	28.50	C. F. Bell.....	53.16
Addressograph Co.....	908.28	Geo. W. S. Bell.....	90.00
Rufus Adkins.....	15.00	Bendernagel & Co.....	7.50
John Ahlin.....	5.00	Benedict & Burnham Manufacturing Co.....	32.91
J. O. Akers.....	3.75	Bennett Printing House.....	116.00
James Allan & Co.....	1.00	Richard Benstead.....	17.00
C. B. Allen.....	1.50	Paul P. Bernhard & Co.....	4.20
Frank P. Allen.....	5.00	David Bernhardt.....	1.00
R. C. Allen.....	1.00	W. W. Best.....	4.00
Allen Roofing Co.....	3.00	Charles F. Biggin Co.....	24.00
W. E. Allred.....	36.00	P. Binder & Sons.....	10.00
Alpena Electric Light Co.....	45.00	R. H. Bingham.....	6.80
Amarillo Water, Light, and Power Co.....	69.62	Bingham & Runge.....	9.00
American Bureau of Shipping.....	30.00	Saml. Bingham's Son Manufacturing Co.....	8.30
American Can Co.....	17.50	John J. Bitter.....	27.50
American District Telegraph Co.....	15.60	Black & Williams.....	6.00
American Ice Co.....	7.20	F. G. Blaisdell.....	66.00
American Linen Supply Co.....	12.00	A. Cole Blanton.....	5.00
The American News Co.....	21.02	J. L. Bledsoe.....	8.00
American Steel and Wire Co.....	205.15	J. H. Blythe.....	35.00
The American Syren and Shipping.....	17.75	Board of public works.....	14.00
American Toilet Supply Co.....	9.00	L. B. Boellner.....	2.75
American Type Founders' Co.....	1,050.49	R. H. Boldrick.....	25.00
American Writing Machine Co.....	17.75	Gail F. Bonham.....	8.00
Wm. Anderson.....	5.00	Geo. N. Bonn.....	5.00
Perry W. Andres.....	25.00	Borden Company.....	1.20
The A. H. Andrews Co.....	5.25	Henry Bosch Co.....	3.23
A. M. Anheier.....	2.75	Boston Belting Co.....	7.00
The Anthony & Scovill Co.....	4.05	G. G. Boteler.....	14.00
Clarence Anton.....	5.00	Maurice W. Boyer.....	2.50
Mike Anton.....	5.00	R. W. Boyle.....	3.50
Chris W. Apel.....	2.50	Phillip H. Brader.....	25.00
Arizona Laundry Co.....	.66	W. P. Bradley.....	39.18
Arizona Publishing Co.....	512.90	Braid Electric Co.....	112.50
Army Cycle Manufacturing Co.....	1.25	The Breeden Office Supply Co.....	11.00
A. G. Arnett.....	18.00	S. A. Bristol Co.....	6.00
George T. Arnold.....	7.50	F. M. Brooks.....	4.00
Chas. F. Artes.....	2.50	The Brooks Co.....	66.25
Anthony Ax.....	4.50	H. A. Brossard.....	12.00
Babbitt Bros.....	12.75	J. R. Brought.....	7.50
Finley L. Babcock.....	10.00	Brown Bros.....	30.00
Geo. L. Babcock.....	12.00	C. B. Brown & Co.....	90.00
Frank W. Baier.....	2.50	Frank M. Brown.....	1.50
Jno. A. Bailey.....	101.50	Brown & Borsheim.....	2.00
H. C. Baker.....	3.00	Peleg Brown.....	6.00
M. C. Baker.....	3.00	C. A. Brunold.....	42.50
Baker & Co. (Incorporated).....	6.21	J. A. Brunold.....	5.00
J. A. Balantine.....	4.50	John Stewart Bryan.....	7.50
L. Balch.....	1.50	The R. L. Bryan Co.....	108.00
Baltimore Journal of Commerce.....	3.00	A. D. Bryant.....	5.00
Baltimore Towel Supply Co.....	9.00	E. W. Buckingham.....	1.00
W. H. Banks & Son.....	4.70	Buffington & Co.....	6.90
P. L. Bannan.....	10.00	H. H. Buhne.....	5.10
Barber & Ross.....	837.85	F. H. Bultman & Co.....	20.00
Barlow Bros.....	2.50	J. H. Bunnell & Co.....	11.31
De Witt D. Barlow.....	2.00	Burgess Electric Co.....	142.49
B. F. Barnes Co.....	54.00	A. C. Burnett.....	5.40
C. F. Barnes.....	2.50	Robert Burns.....	45.00
H. J. Barnes.....	32.00	A. D. V. Burr.....	60.00
Luther M. Barnes.....	7.50	Burrow, Martin & Co.....	5.00
W. F. & John Barnes Co.....	5.50	Blair Burwell.....	5.00
W. H. Barnes.....	9.00	John A. Bush.....	1.50
G. A. Barnett.....	10.50	W. H. Bush.....	65.00
Barnhart Bros. & Spindler.....	29.23	R. T. Butler.....	6.00
H. M. Batchelder.....	10.00	E. A. Butts.....	6.00
G. N. Baty.....	15.00	Oscar W. Bye.....	4.00
G. H. Baughman.....	5.00	Justinian Caire Co.....	11.25
G. L. Baum.....	2.00	T. M. Caldwell.....	2.00
Baumgardt Publishing Co.....	97.50	Joe Campbell.....	9.00
Bausch & Lomb Optical Co.....	28.75	S. C. Cape Hart.....	60.00
E. F. Bauscher.....	15.00	Cape Henry Grocery Co.....	4.94
O. L. Bearse.....	6.30		
The Beatrice Planing Mill Co.....	12.00		

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
Capen Belting and Rubber Co.....	\$1.60	Consumers Ice Co. (Scranton).....	\$7.45
Capital Ice Co.....	17.70	Consumers Ice and Fuel Co.....	3.20
Luis F. de Cardenas.....	16.89	Bert Cook.....	80.00
Carey Machinery and Supply Co.....	92.25	T. D. Cooper.....	6.00
Frederick Carl.....	85.00	M. G. Copeland & Co.....	1,811.10
Charles Carland.....	254.98	Cordes Brothers.....	3.00
Ansil D. Carley.....	9.00	U. G. Cornell.....	1.86
The Carlyle Johnson Machine Co.....	20.00	J. H. Corning.....	522.53
A. M. Carr.....	5.20	Coston Signal Co. (Incorporated).....	132.00
C. D. Cass.....	12.00	M. A. Cotter.....	11.00
Horace Cavanagh.....	8.00	C. B. Cottrell & Sons Co.....	27.25
Central Electric Co.....	13.80	Courier-Journal Job Printing Co.....	105.00
Newton Champ.....	15.00	Shirley Cowan.....	25.00
The Chandler & Price Co.....	24.85	J. D. Cox.....	8.00
John D. Chapin.....	7.00	W. L. Cox.....	7.50
Chapin & Simpson.....	4,515.05	Charles A. Coyer.....	11.00
Charles City Lighting and Heating Co	20.10	Thomas S. Crane.....	30.00
Walter S. Chase.....	1.00	Allen Crawford, sr.....	10.00
M. Chasselon.....	746.33	David C. Crawford.....	75.00
L. C. Cheves.....	10.00	Crawley Electric Co.....	35.00
Chicago Typewriter Agency.....	2.50	W. B. S. Crichlow.....	3.35
Chicago Typewriter Exchange.....	1.50	J. T. Crimins.....	4.65
Chas. J. Chilver.....	21.50	F. K. Crippen.....	34.50
Chippewa Electric Co.....	3.50	H. S. Crocker Co.....	7.75
The Chisholm & Moore Manufactur-		Nelson Crocker.....	1.00
ing Co.....	52.50	Thomas S. Crowell.....	30.00
W. H. Chumly.....	26.00	A. L. Crumpton.....	3.00
Church & Stephenson.....	2,497.78	Crutsinger Roller Co.....	3.00
F. B. Churchill.....	1.00	Crystal Ice Co.....	7.30
City Delivery Co.....	18.20	W. O. Cullen Office Supply Co.....	3.25
The City Ice Delivery Co.....	9.30	The Culver Construction Co.....	35.00
City of Concaut Electric Light De-		Jno. H. Cunningham.....	47.00
partment.....	2.16	Curtiss and Welch Cunningham.....	.60
H. E. Clack.....	7.00	Wm. Curry's Sons.....	27.30
R. H. Clafin.....	125.00	F. A. Cushing.....	7.00
B. P. Clapp Ammonia Co.....	11.61	The Cutler-Hammer Manufacturing	
George C. Clark.....	144.00	Co.....	60.00
R. P. Clarke Co.....	37.61	The Cuyahoga Telephone Co.....	3.00
Charles M. Clark.....	10.00	Hiram Daggett.....	5.65
Edwin S. Clark.....	10.00	John C. Dale.....	15.00
J. A. Clark.....	60.00	Daniel Daly.....	5.40
J. M. Clark.....	75.00	George Dash.....	6.00
N. Clark & Sons.....	15.75	E. L. Davant.....	14.00
Clarke & Courts.....	85.25	Seth I. Davis.....	45.50
W. D. Clarkson.....	3.90	W. H. Davis.....	7.00
Charles Classon.....	6.00	T. C. Dawson.....	41.75
H. B. Clay, jr.....	25.00	F. D. Day & Co.....	6.50
Walter B. Clay.....	29.00	Stanley A. Day.....	53.00
Clendenin Brothers.....	146.75	E. M. Deems.....	3.00
Henry Cleveland.....	1.00	F. J. Defuett.....	1.50
The Cleveland Directory Co.....	7.00	Archibald G. Delaney.....	175.00
The Cleveland Telephone Co.....	3.25	Delano & Moore.....	22.40
Clifford Hardware Co.....	2.00	H. Dempsey.....	5.50
James G. Clynych.....	8.50	Herbert Dempsey.....	16.50
Coast Agency Co.....	24.50	W. A. Denaux & Son.....	4.50
C. Myron Coffin.....	2.00	Wm. S. Denio.....	60.00
L. Cohen & Co.....	4.38	Geo. De Nio Company.....	11.75
C. L. Coleman.....	131.56	Jesse F. Denning.....	2.50
H. A. Collar.....	10.00	W. P. Denny.....	300.00
Richard Collins.....	2.50	James E. Dent.....	17.17
Charles H. Collison.....	35.00	The Detroit Lubricator Co.....	4.25
Columbia National Sand Dredging		Devils Lake Improvement Co.....	140.84
Co.....	638.00	Diamond Ice and Packing Co.....	4.15
Columbia Pump and Well Co.....	5.00	A. F. Dice.....	24.15
A. B. Combs, sr.....	5.00	Herb Dickey.....	45.53
Commercial Electrical Supply Co.....	2.25	The Direct West India Cable Co.	
Commercial List Publishing Co.....	2.00	(Limited).....	6.21
Compressed Air House Cleaning Co.		J. H. Ditten.....	10.00
of southern California.....	17.50	Harry Dixon.....	3.50
Douglas S. Cone Ice Co.....	11.98	Dixon and Lowry.....	604.75
Eber Conley.....	35.00	W. H. Dodson.....	10.60
H. Connell.....	25.00	H. H. Donkersley.....	24.00
Josiah Conover.....	13.00	Doonan and Nethken.....	464.30
J. F. Conrad Grocery Co.....	2.55	Chas. Doyle.....	10.00
Conradt and Rochester.....	2.50	Doyle Sign Co.....	1.75
Consolidated Gas Co. of New Jersey..	17.40	E. J. Drake.....	7.50
Consolidated Wagon and Machine Co.	65.00	The Draper Manufacturing Co.....	7.00
The Consumers Co.....	20.18	The H. & W. B. Drew Co.....	239.20
Consumers Ice Co. (Grand Rapids)....	18.00	W. H. Driggers.....	5.00
Consumers Ice Co. (Memphis).....	11.75	W. G. Duckett.....	.50

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
The Duff Manufacturing Co.....	\$26.40	Annie L. Fowler.....	\$288.50
T. P. Duffy.....	40.00	Ernest Fowler.....	562.75
J. H. Duker Box Co.....	456.40	Fowler Manufacturing Co. ((Limited)	12.00
Duluth Hardware Co.....	10.65	Thos. W. Fox.....	10.75
Duluth Van and Storage Co.....	20.75	Edward S. Francis.....	6.40
J. V. Dunbar.....	5.00	Arthur Frantzen Co.....	150.00
Wm. Dunbar & Co.....	32.00	Geo. Freeman, jr.....	25.00
Chas. Dunivan.....	3.95	J. M. Freer.....	6.00
W. G. Dunn.....	36.25	Freighters Union.....	1.47
Dunn & Lemmon.....	33.00	A. E. French.....	5.00
M. Du Perow.....	130.80	Geo. E. French & Co.....	6.00
Durango Light and Power Co.....	6.25	Fresno Consumers Ice Co.....	8.80
C. W. Dwyer.....	196.00	Geo. H. Frey.....	9.00
Wm. H. Dyer.....	222.25	Wm. Friedlin.....	2.25
H. K. Eagleson.....	7.50	C. W. Friend.....	3.00
Eaton Towel Supply Co.....	12.00	Julien P. Friez.....	4,759.70
A. Eberly's Sons.....	79.09	I. P. Frink.....	18.00
Chas. R. Edmonston.....	17.25	J. S. Frink.....	.50
Eddy Brothers.....	90.00	Geo. T. Fritch & Son.....	8.00
H. Edwards.....	169.00	O. F. Fritchie.....	4.00
Edwards & Broughton.....	45.60	E. C. Fuller Co.....	13.00
Eimer & Amend.....	95.25	J. C. Fuller.....	17.50
Eli H. Eldredge.....	9.50	Richard Fysh.....	2.50
Eldredge Express and Storage Ware- house.....	2.47	W. M. Galt & Co.....	12.55
Electric Light and Power Co.....	45.00	Galveston Tribune.....	33.50
The Electric Storage Battery Co.....	18.32	Gamble & Ludwig.....	1.50
H. R. Eley.....	2.50	The Garnett Marble Co.....	223.00
Elkins Ice and Storage Co.....	5.05	W. M. Gates.....	9.00
G. H. Elliott.....	4.50	Gaylord & Eitapenc Electrical and Construction Co.....	2.00
The A. G. Elliott Paper Co.....	18.40	John P. Geary.....	134.00
Geo. T. Ennis.....	1.80	Jas. A. Geiman.....	198.76
The Enos Co.....	468.00	The General Cartage and Storage Co	25.10
J. C. Entwistle.....	145.00	General Electric Co.....	355.80
The J. C. Ergood Co.....	461.16	The General Fireproofing Co.....	21.70
Peter B. Erhard.....	4.50	Gereke & Scott.....	18.00
The Eureka Rubber Manufacturing Co.....	41.40	H. T. Gerischer.....	4.00
Daniel Evans.....	2.00	Gether & Drebert Co.....	14.29
Evans & Meekins.....	6.00	Gether, Drebert Perkins Co.....	27.00
Evansville Planing Mill Co.....	1.50	C. Ghio.....	55.00
F. L. Ewing.....	15.00	R. E. Gibson.....	650.00
The Fairbanks Co.....	132.00	A. C. Gile.....	6.50
A. Fairservice.....	12.00	Gillett & Co.....	13.75
C. Famigletti.....	1.00	Adelaide E. Gillmore.....	40.00
Faneuil Watch Tool Co.....	118.80	Z. D. Gilman.....	18.04
H. F. Farley.....	16.00	Oscar E. Glenn.....	12.00
A. D. Farmer & Son Type Foundry Co	17.84	Globe-Wernicke Co.....	10.00
Farmers Deposit National Bank.....	20.94	August Goetz.....	103.50
Farmers Mercantile Co.....	14.75	Frank Golart.....	5.00
Alban H. Faulkner.....	45.00	Goldsmith Co.....	10.50
Geo. D. Feidt & Co.....	10.84	W. W. Goldsmith & Son.....	5.00
A. M. Ferguson.....	127.50	Goldsmith Sign Co.....	17.00
John Ferguson.....	9.15	J. Gollober.....	12.12
A. Field.....	5.00	The Good Roads Machinery Co.....	1,731.00
Fillmann Bros.....	3.00	Chr. Gorder & Son.....	120.00
A. A. Finck.....	40.00	Herbert Gordon.....	17.50
F. J. Finck Stationery and Printing Co.....	7.00	The Goulds Manufacturing Co.....	3.00
Albert O. Fisher.....	16.75	Frank Gonner.....	3.00
Lee Fisk.....	5.00	Gowan & Pickford.....	2.30
Harry J. Fitzgerald.....	26.00	Grambs & Wolbert.....	47.00
Flagstaff Electric Light Co.....	10.00	Grand Rapids Electrotpe Co.....	22.30
Flint & Walling Manufacturing Co.....	4,030.56	Grand Rapids Gas Light Co.....	13.00
Geo. J. Flood.....	8.00	Paul Granzin.....	2.50
Florida East Coast Hotel Co.....	40.00	W. A. Gravely.....	4.75
Gustav Fock, G. m. b. H., Buch- handlung.....	18.74	E. N. Gray & Co.....	134.10
J. B. Folger.....	11.50	Peter Gray & Sons.....	2,656.00
Folmer & Schwing Manufacturing Co	1.20	The Great Lakes Towing Co.....	29.45
Frederick L. Ford, city engineer.....	177.08	The Great Western Publishing Co.....	105.00
J. E. Forehand.....	3.00	Great Western Smelting and Re- fining Co.....	7.50
Martha Foreman.....	2.00	Great Western Type Foundry.....	9.08
G. W. Foresman.....	12.00	Henry J. Green.....	2,908.50
Fred Forest.....	6.00	Gregory, Mayer & Thom Co.....	450.00
Forsberg & Murray.....	296.50	Tobe Greiner.....	49.25
Gustaf Forsberg.....	14.50	The Robt. Grieve Printing Co. (Ltd.)	545.45
Fort Smith Light and Traction Co...	10.00	Andrew J. Griffin.....	25.00
Foster & Kleiser.....	4.00	R. B. Grimes.....	42.46
		W. C. Grirot.....	5.00
		Samuel Groh.....	8.00

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

[MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.]

Name.	Amount.	Name.	Amount.
J. H. Groot.....	\$12.00	E. E. Hurt.....	\$5.00
H. W. Gross.....	13.65	Wm. Seely Hutchinson.....	10.89
The Grove Lime and Coal Co.....	92.25	J. C. Idler.....	21.00
T. L. Gruzard.....	15.00	Illinois District Telegraph Co.....	60.00
Norman H. Guinter.....	25.00	Imperial Laundry Co.....	13.20
Gulf and Ship Island R. R. Co.....	108.00	Charles Ingalls.....	20.00
E. B. Gunckel.....	26.20	Inland Type Foundry.....	177.77
Gunther & Tegetmeyer.....	1,325.55	Chas. E. Irvine.....	5.00
W. & L. E. Gurley.....	14.90	Jackson & Pinkney.....	2.00
Richard Guthmann Transfer Co.....	35.00	Jacksonville Towel Co.....	12.00
Joseph Guthrie.....	5.60	W. H. Jager.....	85.00
Ellery A. Hall.....	21.00	E. F. Jakeman.....	1.50
W. A. Hall.....	23.00	Jamieson & Kelley.....	10.00
T. J. Hamilton.....	15.00	Henry A. Janin.....	36.90
W. G. Hamrick.....	7.18	Janney, Semple, Hill & Co.....	2.90
Hann and Adair.....	80.00	G. Janssen & Sons.....	395.00
The Hanson & Van Winkle Co.....	3.20	Clem Jaycocks.....	36.50
Harbor Beach Telegraph Co.....	1.00	T. F. Jeffords.....	32.50
John C. Harris.....	25.30	G. D. Jenkins.....	10.00
J. H. Harris.....	65.00	W. S. Jenks.....	20.75
Harris & Churchill.....	22.50	Hampden A. Jennett.....	5.00
H. A. Hart.....	1.75	Chas. P. Jennings.....	25.00
Louis Hartig.....	8.64	Thos. Jermin.....	20.00
R. W. Hartnett Co.....	58.19	Walter Jermin.....	17.50
F. S. Hartwell.....	3.00	Joseph J. Jilek.....	45.00
Harvey & Seymour Co.....	.40	C. A. Johnson.....	12.00
Hathaway Furniture Co.....	15.00	Charles G. Johnson.....	101.00
H. C. Hausen.....	48.00	D. D. Johnson.....	12.00
Havre Electric Co.....	109.95	Fred Johnson.....	5.00
John W. Hawley.....	22.50	J. Johnson.....	15.00
M. T. Hayden.....	12.00	W. A. Johnson & Bro.....	215.00
W. W. Hays.....	19.00	Washington M. Johnson.....	130.00
John Heagney.....	5.00	Johnson & Johnson.....	53.25
J. C. Hedgecock.....	15.00	Johnson & Morris.....	802.06
Jno. Heffernan.....	15.00	Jas. M. Johnston & Son.....	23.50
Y. T. Heironimus.....	7.50	The Geo. A. Jones Co.....	2.25
Helena Light and Traction Co.....	10.00	J. B. Jones.....	10.00
Jefferson B. Hemperley.....	45.00	L. H. Jones.....	2.70
James B. Henderson.....	25.00	R. M. Jones.....	10.00
The Hendry Mach ne Co.....	458.50	R. P. Jones.....	55.00
Louis Hendricks.....	2.50	Wm. H. Jones.....	8.50
C. E. Henry.....	30.00	A. F. Jorss.....	49.35
W. C. Hering & Co.....	2.25	J. M. Joyce.....	21.70
Robt. T. Herreke.....	1.85	The Maurice Joyce Engraving Co.....	559.77
W. A. Hess.....	9.10	Kalispell Water and Electric Co.....	16.50
Hess & Slager.....	2.00	Charles S. Kaneen.....	85.00
Heybach-Bush Co.....	45.03	Margaret Kaneen.....	9.00
J. E. Hill.....	13.50	Kansas Farmer Co.....	80.00
James R. Hobbs.....	8.00	John Kantz.....	14.50
H. H. Hodgson.....	2.80	Keasbey & Mattison Co.....	9.58
R. Hoe & Co.....	16.65	S. Keighley Metal Ceiling and Manu- facturing Co.....	182.00
D. L. Hogan.....	19.00	N. E. Keller.....	20.00
Hoke Engraving Plate Co.....	2,280.70	Andrew J. Kelley.....	125.00
Holbrook, Merrill & Stetson.....	10.50	G. W. Kelley.....	57.00
J. I. Holcomb Manufacturing Co.....	42.00	E. Kellogg.....	1.00
C. W. Hollis.....	7.00	William Kellogg.....	25.00
E. A. Holmes Co.....	170.00	S. W. Kelly.....	125.00
James A. Holmes, jr.....	2.00	A. B. Kennedy.....	2.00
Holmes & Rummel.....	3.00	Patrick Kennedy.....	9.48
The Holtzer-Cabot Electric Co.....	55.00	W. R. Kenney.....	9.00
Homan & Roehl.....	9.95	H. H. Kent.....	190.00
Honeyman Hardware Co.....	60.22	Kerschler Bros.....	6.00
Grant Hood.....	1.00	P. J. Kerster.....	5.00
S. H. Hoover & Co.....	8.50	Keuffel & Esser Co.....	22.08
Paul T. Hopf.....	182.00	Keystone Type Foundry.....	13.24
Hopkins Bros.....	42.60	T. Kiel.....	6.50
Wm. H. Hoskins Co.....	5.50	Kilbourne & Clark Co.....	35.60
Chas. Hosutt.....	160.35	E. J. Kilmer.....	85.00
Robert J. Hotchkiss.....	24.00	D. F. King.....	27.00
William Houtz.....	79.75	The King Construction Co.....	256.00
H. J. M. Howard.....	139.50	Ed. Kingsbury.....	10.00
Robert P. Howell.....	11.00	John Kitchen, jr., Co.....	59.50
J. A. Howerton.....	27.10	A. Klein.....	6.00
J. H. Hoyt.....	6.00	The John M. Klein Electrical Works.....	3.45
J. B. Hughes.....	16.00	Charles H. Knapp.....	120.00
F. Humbert's Sons.....	3.00	Knickerbocker Ice Co.....	1.00
Marshall N. Hunt.....	122.00	F. L. Knight.....	6.00
W. O. Huntoon.....	2.50	V. L. Knight.....	2.00
The Huron Ice Co.....	8.75	The Geo. W. Knox Express Co.....	13.19
J. B. Hurst.....	11.00		

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
C. H. Krebs & Co.....	\$2.00	W. A. McMahon.....	\$10.00
J. L. Kruger.....	22.50	W. S. McMillan.....	4.00
P. N. Kuss Co.....	2.50	B. A. McMillen.....	7.25
Phillips Ladder.....	23.00	H. H. McNeil.....	74.00
A. C. Lake.....	131.75	Jos. W. McNeil.....	2.50
E. E. Lake.....	2.00	L. C. Maffett.....	2.60
James B. Lambie Co. (Incorporated)	2,631.31	O. J. Maigne.....	161.56
M. D. Landrum.....	5.00	John Mailhes.....	2.00
John Lang.....	25.00	O. I. Mairs.....	10.00
C. W. Lapp.....	4.50	P. J. Malbon.....	7.45
Edw. Larsen.....	85.00	Mangrum & Otter (Incorporated)...	12.00
Gus Lavigne.....	40.00	Manhattan Electrical Supply Co.....	137.48
N. H. Lavinder.....	.60	F. W. Mann.....	13.75
John J. Lawler.....	5.00	P. Mann & Co.....	6.50
Jos. J. Lawler & Co.....	78.77	Mantz Bros.....	16.00
W. T. Lawton & Sons.....	12.00	Marine Journal Co.....	12.00
Leader Publishing Co.....	51.00	The Marine Review.....	54.00
C. G. Le Clair.....	4.00	Luke Markshtum.....	4.00
H. J. Ledoux.....	18.16	Marshall Bros.....	19.50
A. J. Lee.....	8.60	Martens Bros.....	1.50
Jos. H. Lee.....	164.50	John Martin.....	8.75
Walter A. Legeman.....	9.25	J. W. Martin & Co.....	5.25
Adolph Leifelt Iron Works.....	1.75	Otto Martin & Co.....	1.65
Walter G. Leonard.....	1.00	John Martz.....	9.10
J. H. Leslie.....	1,172.86	W. H. Marvin.....	2.55
Max Levy.....	4.15	Mason Electric Co.....	24.00
H. Lewark.....	6.00	A. M. Mathews.....	86.00
E. J. Lewis.....	1.00	Lester E. Matt.....	4.75
John Lewis.....	297.25	Geo. O. May.....	7.75
Rebecca J. Lewis.....	2.00	M. Mearsch.....	9.00
Lewiston Dray Co.....	15.00	Mechanics Planing Mill Co.....	15.00
The A. Lietz Co.....	18.50	Thomas Meehan & Sons (Inc).....	44.80
Walter H. Light.....	26.50	Megeath Stationery Co.....	3.55
Peter Lindenstruth.....	3.50	George Meier Co.....	6.40
The M. Lindsay Rubber Co.....	1.00	Joseph Meier.....	10.00
Lawrence Link.....	6.00	Meier & Frank Co.....	8.50
James Linskey & Sons.....	904.80	Joseph Meiers.....	55.00
A. Lisner.....	.90	Merchant & Co. (Incorporated).....	69.05
C. B. Little.....	44.00	The Merchants' Toilet Supply Co.....	12.90
John L. Lloyd.....	166.25	Merriman Bros.....	17.00
T. E. Logan.....	268.50	William H. Merriitt.....	135.00
R. A. London.....	10.00	Meteorological Council.....	44.40
Lone Star Ice Co.....	18.25	A. Midgett.....	5.00
Longs Towel Supply.....	6.00	B. F. Midgett.....	28.50
The Lorain Electrical Construction Co.....	2.00	Ethelridge D. Midgett.....	4.00
Lee A. Lorick & Bro.....	47.92	Ethelridge Midgett.....	8.00
E. W. Loring.....	7.00	F. H. Midgett.....	60.00
W. B. Lount.....	35.00	J. H. Midgett.....	35.00
Nils H. Lovin.....	16.00	Francis Miller.....	234.21
David S. Lowitski.....	8.00	F. G. Miller.....	2.50
The John D. Lucas Printing Co.....	86.50	Harry E. Miller.....	2.00
B. J. Lund & Co.....	129.15	Philip W. Miller.....	115.00
Lutz & Co.....	181.25	Miller & Watkins.....	10.80
Chas. Lysaght.....	1.50	Miller-Davis Printing Co.....	7.50
Lytle Ice Co.....	6.20	Miller-Kopp Cut-Stone Co.....	365.00
John Maassen.....	432.20	C. N. Millhollin & Son.....	6.00
Mackall Bros.....	175.66	Millison Office Supply Co.....	20.50
Macauley Bros.....	67.50	Milwaukee Gas Light Co.....	2.00
David MacInnes.....	27.50	Milwaukee Printers' Roller Co.....	18.00
Mack's Carpet & Rug Co.....	20.00	M. E. Minnihan.....	2.00
A. C. McClurg & Co.....	7.00	W. H. Minter.....	81.00
W. M. McConahay.....	5.00	Frank D. Miracle.....	20.00
F. J. McCormack.....	74.25	The Missouri Pacific Rwy. Co.....	44.79
McCormick & Bates.....	1.25	Missoula Mercantile Co.....	57.50
J. E. McCourt Jewelry Co.....	1.00	Model Heating Co.....	34.58
H. McCrea.....	10.00	Z. E. Monierieff.....	212.15
Walter A. McDavid.....	50.00	J. D. Molitor.....	55.00
Clarence R. McDermott.....	15.00	W. W. Montague & Co.....	13.50
John P. McDonough.....	12.50	Harry E. Montgomery.....	16.00
J. F. McFarland.....	3.50	The W. H. Moore Co.....	12.47
McGee & Garber.....	12.25	A. L. Moore.....	30.96
John H. McHughes.....	56.75	Moore & Brown.....	9.60
Reuben A. McKenney.....	5.00	Thomas Moore.....	5.00
W. A. McKenzie.....	16.35	W. E. Moore.....	8.00
McKenzie Oerting & Co.....	8.45	E. H. Moorehouse.....	52.75
F. M. McKeough.....	9.00	John Moran.....	44.80
McLaughlin Drayage Co.....	3.00	D. George Morgan.....	6.00
L. M. McLeod.....	198.00	W. E. Morgan.....	10.00
		A. Lynn E'Hijos De Perez Moris.....	28.00

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
Maxwell Morris.....	\$10.00	A. W. Pay.....	\$144.00
O. L. Morrisett.....	21.00	A. B. Payne.....	35.00
A. L. Morrisette.....	57.50	Richard Peacon, jr.....	35.00
James Morrison, jr.....	3.00	W. E. Pearl.....	3.50
Morrison Tent and Awning Co.....	11.00	Silas Pearson.....	20.00
Gebhardt Morrow & Co.....	13.75	Peerless Machine Manufacturing Co.....	15.00
John A. Morton.....	45.00	The Pelouze Paper and Type Co.....	42.80
F. M. Mosley.....	24.00	Morton Penn.....	24.00
John T. Mouchett.....	65.00	Peoples Gas Light and Coke Co.....	31.00
Dora Moyer.....	24.00	Peoples' Ice & Fuel Co.....	9.20
Muckermann Ice and Coal Co.....	15.65	Peoria Water Works Co.....	18.66
C. A. Muddiman & Co.....	3.25	Albert Peterson.....	10.00
B. J. Mulligan.....	15.00	Alfred Peterson.....	18.00
Edward Mullin.....	140.00	A. E. Peterson.....	2.55
E. L. Munder.....	5.00	C. Peterson.....	11.65
Munger's Laundry Co.....	24.00	Dora Peterson.....	5.00
Jay W. Murrey.....	1.00	F. I. Peterson.....	8.50
William Mutch.....	435.00	P. K. Peterson.....	490.00
Geo. F. Muth & Co.....	907.15	Philadelphia Bourse.....	20.00
Charles H. Myers.....	5.00	George E. Philbrook.....	7.00
J. T. Myers.....	1.00	Simon Phillips.....	45.00
R. L. Myers.....	3.56	L. T. Phillips.....	9.00
R. L. Myers.....	81.51	Phillips, Smyth & Van Orden, (Inc.).....	135.00
Naegele & Co.....	52.50	Phillips & Van Orden Co.....	470.25
C. A. Nash & Son.....	1.20	Joseph Pipal.....	25.00
Nashville Laundry Co.....	7.20	E. G. Phuke.....	5.00
National Automatic Fire Alarm Co. of La.....	10.00	A. B. Pitman.....	118.75
National Boiler Compound Co.....	29.76	Plain Dealer Publishing Co.....	4.50
National Electrical Supply Co.....	407.23	Geo. E. Plaster & Co.....	759.93
National Lead Co.....	16.00	Geo. E. Plaster, jr.....	231.52
National Mortar Co.....	1.18	Henry A. Poole.....	25.90
J. P. Nawrath.....	316.06	Thomas L. Poston.....	36.75
Nebraska Electrical Co.....	43.85	Thomas Poston.....	92.50
Needham Bros.....	5.73	Potomac Brick Co.....	230.10
C. E. Neff.....	15.10	The Potomac Terra Cotta Co.....	87.50
P. R. Neilson.....	25.00	Frank Powers.....	10.00
Frank Nelson.....	15.00	Bruno Prager, successor to W. H. Dodson.....	17.50
Nevada Press Co.....	96.00	J. Zenas Preston.....	5.00
Henry W. Newby.....	10.00	Price Bros.....	20.55
New Mexican Printing Co.....	4.50	Isaac Pritchett.....	10.00
New York and Cuba Mail S. S. Co.....	13.84	G. Proschold.....	25.00
New York Laundry Works, (Inc.).....	12.00	Queen & Co. (Incorporated).....	2,210.31
The New York Maritime Register.....	35.00	Felix Quintana.....	5.00
Jas. A. Nicholson & Son.....	1,186.00	S. H. Quint's Sons.....	10.95
Niles Pease Furniture Co.....	37.75	John S. Rainey.....	5.00
Wm. Nordhoff.....	20.00	Raleigh Electric Co.....	17.00
Norris Bros.....	584.05	C. C. Ranson.....	10.00
Northern Hardware Co.....	2.00	W. A. R. Rawle.....	4.35
Norwich University.....	86.00	T. B. Rayl Co.....	5.00
W. S. Nott Co.....	1.30	C. E. Raymond.....	3.00
T. A. Nuckols.....	14.75	M. J. Reaves.....	40.00
W. A. Nye.....	17.50	Otto Redeker.....	5.50
Julia A. O'Brien.....	12.00	Thos. Reed.....	25.00
G. W. O'Brien.....	7.50	T. J. Reed.....	13.50
The Okonite Co., (Limited).....	1,003.25	G. B. Reedy.....	3.50
Oliver Machinery Co.....	361.60	James A. Reigens.....	1.50
Oliver Typewriter Co.....	1.25	Hugh Reilly.....	136.35
B. A. Olson.....	4.00	The J. J. Reilly Manufacturing Co.....	27.50
Omaha Towel Co.....	12.00	Remington Typewriter Co.....	176.30
Orgill Bros. & Co.....	5.70	W. H. Renear.....	18.00
C. H. Osborn & Bro.....	83.28	G. C. Rengalle.....	3.00
Oswego Machine Works.....	44.70	J. Richard.....	286.04
C. F. Overmyer.....	346.00	Richmond & Backus Co.....	1.50
Pacific Metal Works.....	26.00	J. H. Richmond.....	12.00
Pacific States Type Foundry.....	3.50	F. L. Richrod.....	2.00
Pacific Transfer Co.....	60.36	C. M. Rickard.....	8.00
J. B. Padget.....	15.00	J. E. Riddle.....	10.00
C. D. Page.....	29.55	Ridgley Bros.....	10.00
The Pain Manufacturing Co.....	45.00	A. Riedinger.....	463.97
Paine Furniture Co.....	4.00	Irving Righter.....	30.00
Palestine Electric Light Co.....	3.00	Thos. R. Riley.....	6.70
Palestine Ice, Fuel, and Gin Co.....	13.10	Robt. Rinkle.....	9.50
E. C. Palmer & Co., (Limited).....	14.70	G. Rivenburg.....	10.95
L. V. Palmer.....	25.00	J. A. Robert.....	276.25
C. C. Parsons.....	11.00	Robertson Lumber Co.....	7.00
J. R. Patterson.....	7.00	W. A. Robertson.....	18.20
Patterson Transfer Co.....	3.00	John R. Roche & Co.....	3.00
Patterson & Watzel.....	74.15	E. V. Roe.....	5.00
Patillo & Melvin.....	16.75	U. Roe.....	35.00

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
John A. Roebling Sons Co.	\$183.68	Robert G. Sleater.	\$104.00
J. M. Rogers.	4.75	I. M. Small.	4.00
J. M. Rogers.	16.00	Edwin Smith.	2.00
L. Rogers.	5.00	Frank Smith.	5.00
L. C. Rollins.	2.00	H. C. Smith.	2.00
W. H. Rollinson.	9.60	H. L. Smith.	3.00
A. C. Romig.	6.50	H. T. Smith, jr.	5.00
I. P. Roosa.	1.00	James E. Smith.	40.00
F. Roscher.	10.50	L. H. Smith.	2.00
Rosch Brothers.	16.95	T. H. Smith.	88.00
E. Rose.	20.00	W. H. H. Smith.	38.00
Albert Rosman.	164.00	W. W. Smith.	6.00
D. Hope Ross.	69.17	The Smith Premier Typewriter Co.	512.30
F. T. Ross.	18.78	Thos. Somerville & Sons.	1,032.72
J. H. Ross.	1.75	Peter Sorenson.	18.00
Ross Electric Co.	2.20	Southern Electrical Co.	3.50
W. O. Rosseau.	10.00	Southern Printers Supply Co.	171.68
A. C. Rowe.	72.00	W. D. Southworth.	25.00
Wm. C. Rowland.	8.00	H. A. Sprik.	3.00
Rowley & Wilcox.	125.00	Stack Bros.	75.00
A. N. Roy.	1.10	C. Stafford.	14.67
Martin Rucks.	58.50	J. S. Stahl.	5.95
Rudolph, West & Co.	789.01	Standard Electric Co.	1.50
Wm. H. Rupp Co.	63.65	Standard Gas and Electric Co.	2.80
D. Russell.	15.00	Standard Oil Co.	353.50
Jos. Ruzicka.	15.00	A. H. Stansbery.	5.00
The H. R. Sadler Furniture Co.	3.00	C. C. Stansbury.	15.00
O. St. Germain.	12.00	J. C. Stanton.	25.00
St. Louis & Suburban Express Co.	19.25	State Journal Co.	45.50
St. Louis Toilet Supply Co.	18.00	State Publishing Co.	20.00
Oscar M. Salmons.	10.00	Statesman Printing Co.	402.00
The Salt Lake Hardware Co.	8.25	S. J. Stebbin Hardware Co.	2.83
Salt Lake Transfer Co.	6.00	G. E. Stechert.	440.58
E. S. Sample.	12.00	W. S. Steele.	1.85
H. Sandmeyer & Co.	40.55	Steffen-Brecht Co.	4.00
E. F. Sanguinetti.	20.75	E. J. Stenerwald.	2.00
San Juan News.	92.50	L. I. Stephenson.	2.00
San Pedro, Los Angeles and Salt Lake R. R. Co.	6.00	F. M. Stevens.	7.15
Laura E. Scarr.	6.00	Stevenson & McGee.	9.75
The William Schake Book Bindery.	4.25	Stoll & Thayer Co.	75.00
F. Schattenberg.	53.00	D. Stormont.	172.00
E. J. Schattuck Co.	5.55	J. I. Stowe.	1.50
W. W. Schermerhorn.	23.30	Fred Strauss.	5.00
A. Schiebe.	20.00	Stremel Bros. Roofing and Cornice Co.	24.00
R. Schiller.	1.35	J. W. Strickland.	15.00
Schipper & Block Furniture and Carpet Co.	78.63	H. W. Stringfellow.	5.50
F. E. Schmid.	7.50	A. M. Strong.	25.00
Fred A. Schmidt.	1,802.05	Stubbs & Jackway.	21.25
Schneider Bros.	550.74	S. Sturner.	7.50
Schnepp & Lauer Co.	100.50	H. Suesens.	10.00
Scholer & Wilbur.	2.00	Geo. J. Suess.	12.00
Julian Scholl & Co.	128.00	Summers Printing Co.	107.90
Schooner Ida A. O'Callaghan, Nelson & Co., agents.	.75	Sutherland & Carr.	24.75
Schwabacher Hardware Co.	159.03	C. G. Swan.	2.00
Schweikle & Monroney.	45.00	R. S. Swann.	6.50
Scientific American Club.	96.00	Swayze, Bailey & Co.	34.50
Seranton Transfer Co.	1.00	J. Swift.	1.00
Seay, Gill & Morrow Co.	50.00	J. R. Swift.	2.50
Seidler-Miner Electric Co.	21.00	O. Swineford.	15.50
Paul Seiler Electrical Works.	3.20	D. Swinehart.	8.00
Wm. Senter & Co.	3.00	The Swinging Typewriter Stand Co.	10.00
E. Sephton.	140.00	John Syverson.	240.00
A. J. Servis & Son.	33.40	Walter Talbot.	3.00
J. M. Shannon.	5.00	Tampa Book and News Co.	1.35
R. A. Shaw.	18.00	M. F. Tanner.	6.00
Lette Shay.	60.00	Z. L. Tanner.	50.00
J. W. Sheldon.	16.70	M. A. Tappan & Co.	36.80
C. P. Shepard.	8.00	L. D. Tarkington.	7.50
Ellsworth Shepherd.	138.00	A. R. Taylor.	12.50
J. W. Sheridan.	100.00	W. R. Taylor.	98.01
T. S. Shields.	140.00	Tekotte Bros.	47.60
Silvan Gate Oil Co.	1.35	P. F. Teter.	150.00
C. D. Silverthorn.	2.50	Theobald & Thomas.	68.00
Silvius & Schoenbackler.	2.50	Hugh Thibeau.	25.00
H. H. Simler.	14.32	J. H. C. Thiemeyer.	74.00
David N. Simmons.	26.25	C. D. Thomas.	1.50
Simmons Hardware Co.	1.15	Rose G. Thomas.	8.10
		Seth Thomas Clock Co.	349.50
		W. W. Thomason.	10.00

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
A. H. Thompson.....	\$32.50	Western Union Telegraph Co.....	\$308.69
C. B. Thompson.....	20.00	Weston Electrical Instrument Co....	85.25
F. W. Thompson.....	2.96	T. I. Weston.....	15.00
James N. Thompson.....	3.00	G. O. Wheeler.....	25.00
John Thompson.....	1.50	H. Wheeler.....	4.00
John W. Thompson.....	19.33	M. B. Wheeler Electric Co.....	97.82
Joseph B. Thompson.....	12.00	A. L. Whitaker.....	86.35
L. Thompson.....	7.00	A. H. White.....	9.00
S. E. Thompson.....	1.50	C. J. White.....	10.50
Thomson & Dunlop.....	285.00	White & Davis.....	62.50
L. W. Thrallkill.....	15.00	S. S. White Dental Manufacturing Co.	28.00
L. B. Thurnan.....	30.25	W. C. White.....	8.75
W. W. Tillett.....	2.00	G. W. Whitehouse.....	9.00
Times-Journal Printing Co.....	97.50	John Whiting.....	2.00
Otto Toepfer & Sohn.....	1,653.84	E. F. Whitemore.....	1.50
D. A. Tower.....	6.50	C. L. Whitty.....	6.30
H. S. Tower.....	2.00	W. M. Whyte.....	400.31
Town of Flagstaff.....	24.00	F. G. Widdis.....	20.00
S. R. Travis.....	16.00	C. D. Widman & Co.....	4,191.50
Joe Truckey.....	10.00	J. C. Widman & Co.....	632.00
E. W. Turner.....	5.00	A. S. Wier.....	7.50
J. Edward Turton.....	2,570.40	E. Wiggers.....	4.50
The Tuttle Paint and Glass Co.....	6.00	Wild & Stevens.....	5.45
Reinhold Twardokus.....	12.00	J. H. Wilkerson.....	10.50
Robt. Tyler.....	51.00	Arthur Williams.....	492.00
Wm. Tyler.....	2.00	Williams & McAnulty.....	30.00
Otto Ulbrich Company.....	9.50	Williamson Towel Supply Co.....	6.00
Underwriters Electric Co.....	410.25	M. L. Willis.....	6.50
Underwood Typewriter Co.....	88.00	L. F. Willoughby.....	44.83
The Union Carbide Co.....	107.50	Howard Wilson.....	8.00
Union Hardware and Electric Sup- ply Co.....	6.50	James M. Wilson.....	3.50
Union Ice Co.....	73.00	Libbie E. Wilson.....	6.00
Vail, Edward & Co.....	1.50	R. L. Winston.....	2.00
Valley Improvement Co.....	4.60	C. A. Winterhalter.....	1.50
Van Bibber Roller Co.....	8.90	F. C. Wintermute.....	20.00
J. R. Van Plank.....	50.00	Edward Wise & Co.....	85.00
E. B. Van Winkle.....	9.50	C. Wiser.....	3.50
S. J. Venable.....	25.00	J. A. Withrow.....	8.00
Benj. F. Venable.....	20.50	A. B. Wood.....	1.00
Vicksburg Herald.....	120.00	R. D. Wood & Co.....	3,200.00
H. A. Vincent.....	2.50	Wm. Wood.....	6.00
W. W. Vincent.....	8.20	Wm. T. Wood & Co.....	19.20
Virginia and Truckee R. R. Co.....	3.00	John F. Woodhouse.....	9.00
Geo. A. von Blucher.....	10.75	L. S. Woodhouse.....	16.00
R. H. Vorpahl.....	9.60	J. F. Woodley.....	14.00
J. S. Wade.....	1.50	Woodward & Lothrop.....	367.83
Wakefield Water Co.....	28.00	Woodward & Tiernan Printing Co....	135.00
J. T. Walker Sons.....	1.95	Woodward, Wight & Co. (Limited)...	1.35
Walker Evans & Cogswell Co.....	4.00	World Publishing Co.....	71.50
The Wallblom Furniture and Carpet Co.....	5.00	Worlds Maritime News Co.....	3.60
E. A. Walter.....	5.00	Wottring Bros.....	7.00
Paul A. F. Walter.....	6.00	E. W. Wright.....	3.50
H. K. Walton.....	4.80	W. H. Wyer & Co.....	516.00
Wannacomet Water Co.....	17.50	W. M. Wylie.....	59.50
F. Wansky.....	2.75	E. F. Wyman.....	2.50
C. C. Ward.....	45.00	J. R. Wyne & Co.....	69.40
Jas. W. Ward.....	4.75	J. R. Wyss.....	10.00
August Warnecke.....	3.00	S. J. Yarger.....	1.80
Warner & Swasey Co.....	690.00	Yates & Co.....	40.37
Washburn Wire Co.....	33.20	Yawman & Erbe Manufacturing Co.	74.55
Waterbury Battery Co.....	2,142.50	Samuel Yearsley.....	6.00
The Water Department of Atlantic City.....	13.32	Yellowstone Park Association.....	43.61
Waters & Hurlbert.....	1.45	Harry C. Yontz.....	1.00
H. J. Watrous.....	4.60	C. V. York.....	40.00
The Watson Stillman Co.....	80.00	A. Young Building Co. (Limited)....	33.00
Waugh, Kealy & Co.....	6.20	Bernard Young.....	7.00
F. Weber & Co.....	4.80	D. M. Young.....	15.00
A. I. Weeks.....	6.00	P. H. Young.....	1.50
A. S. Weir.....	2.50	T. E. Young.....	5.00
Leslie Welter.....	70.00	J. L. Younger.....	27.00
Jacob Weltmer.....	6.40	Jacob A. Yund.....	1.50
Western Newspaper Union.....	3.85	E. Zemmin.....	6.50
		Zion's Cooperative Mercantile Insti- tution.....	8.04
		Anthony M. Zottoli.....	25.00

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$116,103.79.

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

FURNITURE.

Name.	Amount.	Name.	Amount.
Anthony & Cowell Co.....	\$148.50	W. H. Hoeke.....	\$160.37
Bagley & Minitr.....	132.00	F. G. and A. Howald.....	72.21
Baker Office Furniture Co.....	192.50	W. S. Jackson.....	9.50
J. E. Baum.....	36.00	David Jones.....	190.57
John Brenner Co.....	30.00	Jones House Furnishing Co.....	6.00
Bruegger Mercantile Co.....	32.25	John Jardt.....	5.00
D. Carpenter.....	13.50	The Joslin Dry Goods Co.....	172.40
John Chanter.....	4.50	S. Kann, Sons & Co.....	301.75
Chas. J. Chilver.....	6.00	Kates & Co.....	130.00
The Columbia Stove Co.....	9.00	Keller & Bullard.....	35.00
J. T. Crimins.....	40.00	The W. H. Kistler Stationery Co.....	103.75
Arch Cunningham.....	18.45	Oliver McClintock Co.....	221.49
J. M. Dougherty.....	2.50	E. B. Macdowell.....	29.00
Dulin & Martin.....	294.36	Millison Office Supply Co.....	11.50
O. M. Eakle.....	19.00	George E. Moores.....	206.25
Elliott, James & Co.....	275.00	D. K. Moses & Co.....	60.00
Empire State House Furnishing Co.....	179.40	W. B. Moses & Sons.....	3,718.27
J. M. Ferguson Co.....	25.25	Royall & Borden Furniture Co.....	44.00
Marshall Field Co.....	157.75	Sands Bros. & Co.....	74.18
Frank Fischer.....	40.00	W. & J. Sloane & Co.....	10.00
J. B. Folger.....	3.50	Sterling & Welch Co.....	187.05
Jos. Fredericks & Co.....	46.50	T. H. Stough.....	3.40
Geo. T. Fritch & Son.....	24.00	B. W. Strong.....	14.50
Freed Furniture and Carpet Co.....	48.00	A. H. Tennis.....	6.00
Geo. H. Fuller Desk Co.....	24.55	James S. Topham.....	408.00
Giddings & Steele.....	316.20	A. Van Deusen.....	8.00
Gilbertson & Anderson.....	109.68	The Villam Box and Lumber Co.....	81.25
W. H. Goebel.....	53.00	M. C. Vollmer.....	12.50
Goldberg, Bowen & Co.....	3.33	Wallblom Furniture and Carpet Co.....	21.00
D. D. Gross.....	25.00	John Wanamaker.....	109.68
Gutenberg Bros.....	23.50	Weinstein Co.....	4.50
Hawley & Fitzgerald.....	5.50	Williams & Rodgers Co.....	10.00
Herpolsheimer Co.....	14.75	John Willis, jr.....	64.05
C. J. Herrick & Co.....	14.00	Woodward & Lothrop.....	3,763.02

Total amount paid for furniture under above appropriation, \$12,621.66.

FUEL.

Amarillo Grain and Coal Co.....	\$55.00	McEwen & Lauver.....	\$40.00
American Ice and Coal Co.....	114.75	Maitland Coal Co.....	105.00
B. and B. Coal Co.....	140.75	F. H. Midgett.....	63.90
C. H. Baker.....	10.00	Miller & Baker.....	19.50
Fenner Ball.....	129.93	The Nottingham & Wrenn Co.....	152.00
Bontjes & Bontjes Coal Co.....	33.00	Miguel Ortiz.....	7.00
Bradshaw & Palmer.....	165.50	G. T. Perkins, quartermaster, U. S. A.....	3.69
Clearwater Fuel Co.....	112.50	Frank Perry.....	110.00
Columbia Ice and Fuel Co.....	43.35	Henry A. Poole.....	20.00
C. W. Dudrow.....	58.75	J. W. Power.....	16.00
C. A. Green.....	18.00	W. H. Rollinson.....	140.32
Dell Green.....	20.00	Russell & Schultz.....	13.50
Louis Hendricks.....	109.75	Chas. B. Scott.....	200.00
Jas. Houle.....	18.00	James B. Smith.....	180.00
O. J. Howard.....	30.00	D. J. Snow.....	18.00
A. D. Kelley.....	35.00	Adolph Stocklin.....	113.00
Kerby & Bro.....	24.00	F. H. Stoltz.....	175.60
John Killen.....	182.60	D. Stermont.....	6.00
D. W. Kinney.....	20.79	Geo. W. Strayer.....	343.95
Benjamin Lopez.....	40.00	J. C. Tucker.....	133.30
B. J. Lund & Co.....	144.00	D. W. Washburn.....	10.00
F. J. McCormick.....	175.05	W. J. Zeh.....	599.09

Total amount paid for fuel under above appropriation, \$4,150.57.

FREIGHT.

Ahnapee and Western R. R. Co.....	\$1.07	Boston and Albany R. R. New York	
Alabama and Vicksburg Rwy. Co.....	9.37	Central and Hudson River R. R.	
Atchison, Topeka and S. F. Rwy. Co.....	680.48	Co., Lessee.....	\$6.84
Atlantic Coast Line R. R. Co.....	25.97	Boston and Maine R. R.....	6.11
Atlantic and North Carolina R. R. Co.....	17.05	Boulton, Bliss & Dallett.....	3.17
Baltimore and Ohio R. R. Co.....	219.62	California Northwestern Rwy. Co.....	.26
Baltimore and Ohio S. W. R. R. Co.....	11.47	Central of Georgia Rwy. Co.....	2.45
D. R. Benedict.....	1.40	Central Rwy. Co. of New Jersey.....	2.23

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

FREIGHT—Continued.

Name.	Amount.	Name.	Amount.
Central Vermont Rwy. Co.	\$0.80	Missouri, Kansas and Texas Rwy. Co.	\$91.17
Charleston and Western Carolina Rwy.	2.87	Missouri Pacific Rwy. Co.	137.56
Chesapeake and Ohio Rwy. Co.	50.38	Mobile, Jackson and Kansas City R. R. Co.	.88
Chicago and Alton Rwy. Co.	3.56	Mobile and Ohio R. R. Co.	.72
Chic., Bur. and Quincy Rwy. Co.	64.84	Morris European and American Express Co. (Limited)	48.75
Chic., Bur. and Quincy Rwy. Co. lines west of the Missouri River	157.29	William R. Morton	4.60
Chicago Great Western Rwy. Co.	4.83	The Morton Truck Co. (Limited)	.66
Chicago, Milwaukee and St. Paul Rwy. Co.	121.09	Narragansett Pier R. R.	.92
Chicago and North-Western Rwy. Co. Chicago, Peoria and St. Louis Rwy. Co. of Illinois	176.71	Nashville, Chattanooga and St. Louis Rwy. Co.	22.57
Chicago, Rock Island and Pacific Rwy. Co.	51.47	New Bedford, Marthas Vineyard and Nantucket Steamboat Co.	40.80
Chicago, St. Paul, Minn. and Omaha Rwy. Co.	29.90	New Orleans and Northeastern R. R. Co.	21.32
Cinti., Ham. and Dayton Rwy. Co.	11.55	New York Central and Hudson River R. R. Co.	62.41
Cincinnati, New Orleans and Texas Pacific Rwy. Co.	.71	New York and Cuba Mail Steamship Co.	3.90
Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	117.65	New York, New Haven and Hartford R. R. Co.	63.50
Colorado Midland Rwy. Co.	10.47	New York and Porto Rico Steamship Co.	.89
Colorado and Southern Rwy. Co.	1.25	New York, Texas and Mexican Rwy. Co.	1.50
Columbia Southern Rwy. Co.	2.63	Norfolk and Southern R. R. Co.	183.81
Corvallis and Eastern R. R. Co.	.25	Norfolk and Washington, D. C., Steamboat Co.	37.68
William J. Crawford	23.40	Norfolk and Western Rwy.	4.07
Cuban and Pan. Amer. Express Co.	30.82	Northern Michigan Transportation Co.	3.95
Delaware and Hudson Co.	17.91	Northern Pacific Rwy. Co.	190.34
Delaware, Lackawanna and Western R. R. Co.	8.52	O'Callaghan, Nelson & Co., agent schooner Ida A.	15.22
The Denver and Rio Grande R. R. Co.	263.03	Ocean Steamship Co. of Savannah	1.18
Detroit and Mackinac Rwy. Co.	17.69	Old Dominion Steamship Co.	.75
Louis N. Dion	.73	Oregon Coal and Navigation Co.	.76
Duluth, South Shore and Atlantic Rwy. Co.	18.78	Oregon Railroad and Navigation Co.	40.10
Eastern Steamship Co.	8.04	Oregon Short Line R. R. Co.	65.31
El Paso and Northeastern Rwy. Co.	3.99	Pacific Coast Steamship Co.	3.36
El Paso and Southwestern System	5.07	Peninsular and Occidental Steamship Co.	28.85
Erie R. R. Co.	.88	Pennsylvania R. R. Co.	140.98
Evansville and Terre Haute R. R. Co.	1.85	Pere Marquette R. R. Co.	1.28
Peter Fabacher	10.55	Pittsburgh, Cincinnati, Chicago and St. Louis Rwy. Co.	1.41
Florida East Coast Rwy. Co.	5.41	Puget Sound Navigation Co.	36.50
Fort Worth and Denver City Rwy. Co.	21.12	Raleigh & Cape Fear R. R. Co.	.76
Galveston, Harrisburg and San Antonio Rwy. Co.	23.21	Richmond, Fredericksburg and Potomac R. R. Co.	2.76
General Cartage and Storage Co.	6.40	Rio Grande Southern R. R. Co.	7.34
Georgetown and Western R. R. Co.	12.80	Rome, Watertown and Ogdensburg R. R., New York Central and Hudson River R. R. Co., Lessee	3.44
Grand Rapids and Indiana Rwy. Co.	34.32	St. Louis, Keokuk and Northwestern R. R. Co.	1.82
Grand Trunk Rwy. of Canada	3.49	St. Louis and San Francisco R. R. Co.	33.77
Grant Pass and Crescent City Stage Line	1.46	St. Louis Southeastern Rwy. Co. of Texas	2.14
Great Northern Rwy. Co.	122.14	St. Louis Transfer Co.	20.09
W. J. Griffin Transportation Co.	3.15	San Antonio and Aransas Pass Rwy. Co.	19.09
Gulf and Ship Island R. R. Co.	.57	San Francisco and Northwestern Rwy. Co.	.25
Gulf, Western Texas and Pacific Ry. Co.	5.19	San Pedro, Los Angeles and Salt Lake R. R. Co.	23.22
Gunther & Tegemeyer	11.14	Santa Fe, Prescott and Phoenix Rwy. Co.	.25
The Hocking Valley Rwy. Co.	.51	Schooner Chehegan	4.76
Houston and Texas Central R. R. Co.	1.54	Schubach & Hamilton	.27
Illinois Central R. R. Co.	31.03	Seaboard Air Line Rwy.	57.79
International and Great Northern R. R. Co.	17.24	Southern Pacific Co.	160.44
Kanawa and Michigan Rwy. Co.	.57	Southern Rwy. Co.	610.41
Kansas City Southern Rwy. Co.	1.55	Star Union Line	21.10
Chas. H. King	2.58	Steamer G. W. Danielson	4.06
Lake Shore and Michigan Southern Rwy. Co.	22.98	Steamer Queen City	9.36
Lehigh Valley R. R.	2.49	Texarkana and Fort Smith Rwy. Co.	26.73
T. Libby & Co.	4.15		
Littlefield, Alvord & Co.	265.23		
Long Island R. R.	.62		
Louisville and Nashville R. R. Co.	24.89		
Maine Central R. R. Co.	1.95		
C. H. Mallory & Co.	3.30		
Michigan Central R. R. Co.	3.91		
Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	2.00		

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

FREIGHT—Continued.

Name.	Amount.	Name.	Amount.
Texas Pacific Rwy. Co.	\$21.80	W. P. Washburn.	\$0.60
Town of New Shoreham.	1.05	Washington County Rwy. Co.	1.24
Union Pacific R. R. Co.	142.65	Washington Southern Rwy.	11.29
Vandalia R. R. Co. ....	.42	Western Rwy. of Alabama.	16.05
Vicksburg, Shreveport and Pacific Rwy. Co.	5.77	West Virginia Central and Pittsburg Rwy. Co.	4.61
Virginia-Carolina Inland Steamship Co.	6.00	Charlie White.	2.00
Virginia and Truckee R. R. Co.	4.10	Wichita Valley Rwy. Co.	1.72
Wabash R. R. Co.	15.52	Yazoo and Mississippi Valley R. R. Co. ....	.80

Total amount paid for freight under above appropriation, \$5,369.86.

EXPRESS.

Adams Express Co.	\$201.94	United States Express Co.	\$306.66
I. P. Roosa.	1.50		

Total amount paid for express under above appropriation, \$510.10.

TELEGRAPH.

Apalachicola and Tallahassee Tele- graph Co.	\$8.14	The Kelley Island and Sandusky Cable Co.	\$25.20
Carrabelle, Tallahassee and Georgia R. R. Co.	13.14	Knox Telephone and Telegraph Co..	2.10
Central District and Printing Tele- graph Co.	270.10	Martha's Vineyard Telegraph Co.	290.36
Chicago, Rock Island and Pacific Rwy. Co.	56.91	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	147.60
Corvallis and Eastern R. R. Co.	30.70	Moncure and Pittsboro Telegraph Co	17.70
Cumberland Telephone and Tele- graph Co.	47.10	New England Telephone and Tele- graph Co.	25.00
Cuba Submarine Telegraph Co. (Lim- ited)	148.83	Ocean Tow-Boat Line.	104.00
Direct West India Cable Co. (Ltd.)..	2,083.16	Pacific States Telephone and Tele- graph Co.	342.17
Enterprise Telegraph Co.	15.20	Postal Telegraph-Cable Co.	11,803.73
The Great Northwestern Telegraph Co. of Canada.	1,475.21	Postal Telegraph-Cable Co. of Texas..	542.28
J. T. Harper.	48.68	Put-in-Bay Telegraph Co.	33.75
International Ocean Telegraph Co.	1,637.03	Rising Sun Telegraph Line.	31.00
Jacksonville and St. John's Bar Tele- graph Line.	84.75	Western Union Telegraph Co.	194,259.57
		West India and Panama Telegraph Co. (Limited) ..	1,454.93
		Winton Telegraph Co.	20.00

Total amount paid for telegraph under above appropriation, \$215,018.34.

TELEPHONE.

Alabama, Mississippi and Tennessee Telephone Co.	\$877.00	The Chesapeake and Potomac Tele- phone Co.	\$101.35
E. S. Allen.	36.00	Chesterfield Telephone and Tele- graph Co.	30.30
Amarillo Telephone Co.	36.00	Chicago Telephone Co.	305.40
Asheville Telephone and Telegraph Co.	40.00	The Cincinnati and Suburban Bell Telephone Co.	84.00
The Bell Telephone Co. of Buffalo..	165.20	Citizens Telephone Co.	53.00
The Bell Telephone Co. of Missouri..	150.21	Citizens Telephone Co., Grand Rapids, Mich.	57.30
The Bell Telephone Co. of Philadel- phia.	69.00	Citizens Telephone Co. of Muskegon .	24.00
Benzie County Telephone Co.	16.00	John Clarke.	16.40
Black Hills Telegraph and Telephone Co.	21.00	The Cleveland Telephone Co.	84.00
The Bluff City Telephone Co.	60.00	Clinchport Telephone Co.	10.95
M. A. Butler. ....	.25	The Colorado Telephone Co.	252.00
Cairo Telephone Co.	18.00	Columbia Telephone Co.	24.00
Capital Telephone and Telegraph Co.	18.00	The Columbus Citizens Telephone Co.	40.00
J. C. Carr.	10.00	Consolidated Telephone Co.	56.00
The Central District and Printing Telephone Co.	143.00	Consolidated Telephone, Telegraph and Electric Co.	24.00
Central New York Telegraph and Telephone Co.	80.00	Cumberland Telephone and Tele- graph Co.	2,128.40
Central Union Telephone Co.	255.75	The Cuyahoga Telephone Co.	120.00
Cherry County Telephone Co.	30.00		

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

TELEPHONE—Continued.

Name.	Amount.	Name.	Amount.
Dakota Central Telephone Lines (Inc)	\$410.78	New York Telephone Co.....	\$280.85
Dane County Telephone Co.....	27.50	North Montana Telephone Co.....	53.90
Delaware and Atlantic Telephone and Telegraph Co.....	48.00	Northfield Telephone Co.....	18.00
The Diamond State Telephone Co.....	12.50	The Northwestern Telephone Ex- change Co.....	309.00
Dodge City Telephone Co.....	9.00	The Ohio River Telephone Co.....	61.60
Dubuque Telephone Co.....	24.00	Ontario Telephone Co.....	60.00
Duluth Telephone Co.....	60.00	Pacific States Telephone and Tele- graph Co.....	596.16
East Tennessee Telephone Co.....	470.50	Palestine Telephone Co.....	36.00
The Empire State Telephone and Telegraph Co.....	30.00	W. B. Peebles.....	20.62
The Fayette Home Telephone Co.....	24.00	Peninsular Telephone Co.....	33.00
George W. Finch.....	18.00	The Pennsylvania Telephone Co.....	117.00
Flagstaff Mutual Telephone Co.....	24.00	The People's Independent Telephone Co. (Limited).....	26.00
The Frontier Telephone Co.....	60.00	Peoples Telephone and Telegraph Co.....	30.00
Georgia Telephone and Telegraph Co.....	60.00	Providence Telephone Co.....	87.00
Home Telephone Co.....	151.60	Rocky Mountain Bell Telephone Co.....	708.50
Hudson River Telephone Co.....	70.03	Rolla Telephone Co.....	.75
Hughes Electric Co.....	12.00	Roswell Telephone and Manufactur- ing Co.....	31.50
Idaho Independent Telephone Co., (Limited).....	30.00	W. S. Rowe.....	24.00
Independent Telephone Co.....	28.00	San Antonio Telephone Co.....	30.00
The Independent Telephone Co.....	27.00	Sandusky Telephone Co.....	42.00
Indianapolis Telephone Co.....	40.00	Santa Fe Electric and Telephone Co.....	24.00
The Inland Telephone and Telegraph Co.....	36.00	Snickserville Telephone Co.....	20.00
Inter-State Independent Telephone and Telegraph Co.....	36.00	Southern Bell Telephone and Tele- graph Co.....	1,199.92
Iowa Telephone Co.....	202.40	Southern New England Telephone Co.....	158.00
Ithaca Telephone Co.....	2.00	Southern States Telephone Co.....	28.50
Jacksonville Telephone Co.....	10.00	Southern Utah Telephone Co.....	27.00
Kalispell Water and Electric Co.....	48.00	Southwestern Telephone and Tele- graph Co.....	396.00
Kansas City Home Telephone Co.....	40.50	Sunset Telephone and Telegraph Co. Telephone Co. of South Jersey.....	264.00 20.00
Keystone Telephone Co. of Philadel- phia.....	80.00	Toledo Home Telephone Co.....	78.00
Kinloch Telephone Co.....	60.00	Topeka Independent Telephone Co.....	9.00
Knox Telephone and Telegraph Co.....	2.20	Tucker Telephone and Telegraph Co.....	60.00
La Crosse Telephone Co.....	30.00	Twin City Telephone Co.....	48.00
Larned Telephone Co.....	3.00	The Tyrrell County Telephone Co.....	23.50
R. L. Lewis.....	99.40	Union Telephone and Electric Light Co.....	15.10
The Louisville Home Telephone Co.....	62.00	Utah Independent Telephone Co.....	16.00
Lynchburg Telephone Co.....	12.00	Washington County Telephone Co.....	19.30
Madisonville and Trigon Telephone Co.....	7.10	Western Electric Telephone System.....	18.00
Maryland Telephone and Telegraph Co.....	72.00	West Virginia Telephone Co.....	18.00
Michigan State Telephone Co.....	487.13	West Virginia Western Telephone Co.....	.45
Mississippi Valley Telephone Co. of Iowa.....	30.00	Wichita Independent Telephone Co.....	30.00
Missouri and Kansas Telephone Co.....	100.50	Williston Telephone Exchange.....	24.00
Mutual Telephone Co.....	69.00	Wisconsin Telephone Co.....	202.42
Mutual Telephone Co. (Limited).....	44.00	Wytheville Telephone Co.....	15.00
Nebraska Telephone Co.....	206.00	Yankton Telephone Co.....	15.50
New England Telephone and Tele- graph Co.....	293.60	York State Telephone Co.....	30.00
New York and Pennsylvania Tele- phone and Telegraph Co.....	76.00	Zenith Telephone Co.....	48.00

Total amount paid for telephone under above appropriation, \$13,755.82.

RENT.

Orson Adams, jr.....	\$480.00	T. B. Catron.....	\$75.83
American Surety Co., of New York..	3,500.00	The Century Company.....	200.00
Asheville Library Association.....	300.00	The Chemical Building Co.....	1,800.00
Elizabeth L. Ashurst.....	300.00	Chicago Auditorium Association.....	1,750.00
Charles Baldwin.....	450.00	Citizens Bank of Norfolk, Va.....	693.00
Bank of Tehama County.....	384.80	City of Palestine, Tex.....	292.00
Bank of Wytheville.....	400.00	Dillard H. Clark.....	600.00
C. M. Beeson.....	353.64	Cleary Bros.....	540.00
Henry Bolton.....	152.84	Kate F. Coke.....	240.00
Brown University.....	82.23	Connecticut Mutual Life Insurance Co.....	550.00
Joseph Bryan.....	600.00	James L. Connell.....	475.00
Charles J. Buell.....	378.00	Conrad National Bank of Kalispell..	135.00
Dillie L. Buhne.....	368.80	Consolidated Improvement Co.....	660.00
George C. Buhne.....		A. L. Cook.....	360.00
Mary C. Pratt.....		Jacob Crocker.....	300.00
Sophie C. Buhne.....			

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

RENT—Continued.

Name.	Amount.	Name.	Amount.
Emily Culbertson.....	\$510.00	S. Marks & Co., estate of.....	\$339.00
Katherine Cummins.....	352.00	Marquette County Savings Bank.....	360.00
Wm. Curry's Sons.....	76.00	Albert Martz.....	660.00
William H. Dann.....	288.00	Jose MaSabe.....	300.00
Department of the Interior of Porto Rico.....	600.00	Frederick W. Matthiessen.....	270.00
John E. Dooley.....	1,080.00	Michigan Trust Co. Building.....	1,400.00
Dyal-Upchurch Investment Co., of Jacksonville, Fla.....	750.00	Mill Valley and Mount Tamalpais Scenic Rwy.....	420.00
Empire Building Trust.....	1,116.00	Frank D. Miracle.....	49.00
Fantle Bros.....	291.67	Mount Washington Railway Co.....	5.00
Farmers Deposit National Bank, of Pittsburg, Pa.....	2,500.00	The National Loan and Exchange Bank of Columbia.....	400.00
The Farmers National Bank of Fresno.....	378.00	Northwestern Mutual Life Insurance Co., of Milwaukee, Wis.....	500.00
The First National Bank of Kalispell.....	180.00	George W. O'Brien.....	72.00
First National Bank of Moorhead.....	66.31	Eugene O'Neill.....	540.00
The First National Bank, Portland, Me.....	504.00	Edward D. Osborne.....	500.00
Harry J. Fitzgerald.....	385.00	Pacific Club.....	109.58
Fraternal Hall Association.....	420.00	Paine Bros.....	51.80
Fremont Lumber Co.....	351.00	Margaret Parmentier.....	297.00
Adam Geiger.....	300.00	E. H. Peel.....	63.73
Lena T. Given.....	252.00	Edwin T. Pennoyer.....	25.00
Vicente Gonzales.....	480.00	Pioneer Press Co.....	600.00
Henry Hanington, agent of the Boston Building, of Denver.....	1,140.00	William Pollman.....	450.00
Edgar Harding.....	540.00	James K. Porter.....	450.00
J. G. Hatch, estate of.....	331.00	Prudential Building Co.....	669.33
Maggie T. Hayden.....	360.00	John E. Ransom.....	450.00
The Hayden Co.....	1,200.00	F. Norman Roach.....	277.00
Louisa Hazell.....	179.97	H. Rolle.....	-36.00
Louisa Heckert.....	84.00	D. Hope Ross.....	288.00
J. W. Heckert.....	378.00	Mary E. Shelden.....	375.00
Yale Hicks, agent.....	480.00	John B. Smith.....	300.00
Dexter Horton, estate of.....	400.00	Society for Savings, Cleveland, Ohio.....	1,325.00
Ed. S. Hughes & Co.....	381.80	Peter Sonna.....	339.35
Improvement Loan and Trust Co.....	825.00	Tacoma Chamber of Commerce and Board of Trade.....	300.00
Indianapolis Gas Co.....	1,025.00	Walter Talbot.....	450.00
T. M. Jeffris & Co.....	500.00	Taylor National Bank.....	575.00
E. P. Jones.....	100.00	H. H. Taylor, agent Mills Building, San Francisco, Cal.....	2,490.00
Fanny L. Keating.....	384.00	Title Guarantee Loan and Trust Co.....	720.00
Albert W. Kenne.....	300.00	Union Trust Building Co. (Limited).....	670.00
A. J. Knight.....	77.00	J. B. Vicini, sucesores de.....	280.00
P. H. Lamb.....	360.00	Laura P. Vda Vicini.....	200.00
Law Building Co.....	250.00	John P. Victory.....	295.00
Frank Leddy, agent Malley Building.....	600.00	Katharina Wagner.....	125.00
Los Angeles Trust Co.....	780.00	Walla Walla Lodge No. 56, I. O. O. F.....	339.48
Geo. L. Lovett.....	592.50	F. E. Warren Merchantile Co.....	620.00
S. E. L. Maduro & Sons.....	341.40	B. S. Williams.....	324.08
O. I. Mairs.....	150.00	Alexander Young Building Co. (Limited).....	962.42

Total amount paid for rent under above appropriation, \$59,363.56.

GAS AND ELECTRICITY.

Agricultural and Mechanical College, of Kentucky.....	\$12.00	John F. Byrne.....	\$25.00
Alpena Electric Light Co.....	15.17	Cape May Light and Power Co.....	16.12
Anacortes Water Co.....	25.00	Charleston Consolidated Rwy. Gas and Electric Co.....	61.25
Annapolis Gas and Electric Light Co.....	36.00	Charlevoix Electric Light Plant.....	9.00
Asheville Electric Co.....	14.90	F. H. Cheney & Sons.....	15.00
Ashland Light, Power and Street Rwy. Co.....	35.00	Chicago Edison Co.....	7.02
Astoria Electric Co.....	16.00	Citizens' Gas, Electric and Power Co.....	16.80
The Atlantic Electric Light and Power Co.....	115.71	The Citizen's Gas and Electric Co.....	27.52
Benton Harbor and St. Joseph Electric Rwy. and Light Co.....	25.00	Citizen's Lighting Co.....	.50
Biloxi Electric Rwy. and Power Co.....	13.50	City of Grand Haven.....	36.00
Board of fire and water commissioners.....	8.98	City of Lake.....	15.00
Board of public service, lighting department.....	28.66	City of Milwaukee.....	25.00
E. A. Born.....	111.00	City of South Haven.....	25.00
W. S. Bricker.....	25.00	Columbia Electric Street Rwy., Light and Power Co.....	15.24
Buffalo Gas Co.....	17.60	The Commercial Electric Co.....	31.31
		Commonwealth Electric Co.....	4.80
		Consolidated Electric Light Co., of Maine.....	75.00
		Consolidated Gas Co.....	.66

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

GAS AND ELECTRICITY—Continued.

Name.	Amount.	Name.	Amount.
Consolidated Gas, Electric Light and Power Co.	\$5.95	Minneapolis General Electric Co.	\$60.00
The Culver Construction Co.	21.15	Morgan City Improvement Co. (Ltd.) ..	30.00
John E. Dooly.	5.00	John Mueller, jr.	17.00
Duluth General Electric Co.	120.70	Muskegon Traction and Lighting Co.	30.00
The Edison Electric Co.	12.62	Mutual Light and Water Co.	28.80
Edison Sault Electric Co.	80.00	Nantucket Gas and Electric Co.	67.00
Electric Light Co.	36.00	Narragansett Electric Lighting Co.	41.36
Electric Light and Power Co.	16.63	Narragansett Pier Electric Light and Power Co.	48.59
Electric Lighting Co., of Mobile.	5.31	Nashville Gas Co.	38.50
Elizabeth City Electric Light and Power Co.	25.00	Nashville Railway and Light Co.	37.66
Escambia County Electric Light and Power Co.	1.90	New Bedford Gas and Edison Light Co.	45.23
Eureka Lighting Co.	30.00	New London Gas and Electric Co.	40.10
Fall River Electric Light Co.	44.47	New Orleans and Carrollton R. R. Light and Power Co.	20.79
Flagstaff Electric Light Co.	17.89	New Orleans Lighting Co. (Lessee) ..	61.73
Fort Smith Light and Traction Co.	10.00	The Owen & Welsh Co.	15.00
Frankfort Electric Light Co.	25.00	People's Gas and Electric Co., of Oswego.	11.18
Galveston Gas Co.	45.90	People's Gas Light and Coke Co.	7.40
Georgetown Electric Co.	35.00	Peoria Gas and Electric Co.	50.01
Gloucester Electric Co.	24.45	Phoenix Light and Fuel Co.	44.64
Grand Rapids Edison Co.	11.00	Pierce Bros.	38.60
Grand Rapids Gas Light Co.	21.78	Port Huron Light and Power Co.	14.57
Green Bay Light and Power Co.	25.00	Power Department, Bayfield, Wis.	10.00
E. V. Hauser.	35.50	Raleigh Electric Co.	35.95
Helena Light and Traction Co.	45.75	Red Wing Gas and Electric Co.	15.00
Houghton County Electric Light Co.	42.26	Rockingham County Light and Power Co.	18.10
Hughes Electric Co.	62.20	San Antonio Gas and Electric Co.	12.48
Huron Village Electric Light Plant.	39.41	Santa Fe Water and Light Co.	67.47
Improvement Loan and Trust Co.	35.00	Seattle Electric Co.	26.72
Indianapolis Light and Power Co.	58.37	Sheboygan Light, Power and Rwy. Co.	22.00
Kalispell Water and Electric Co.	18.00	Sociedad Anonima Luz Electrica.	86.40
The Kenosha Gas and Electric Co.	35.50	Standard Gas and Electric Co.	39.30
A. J. Knight.	8.25	Stearns Lighting and Power Co.	22.50
Lake Cities Electric Rwy. Co.	25.00	Sturgeon Bay Electric Light Plant.	22.00
Max Levy.	120.00	Tampa Electric Co.	3.00
Light and Power Commission.	28.25	Townsend Gas and Electric Co.	30.00
Lincoln Traction Co.	54.00	United Electric Light and Power Co.	5.26
Henry N. Loud.	12.00	O. C. G. Urban.	68.00
Lowe & Ischinsky.	11.40	Utah Light and Rwy. Co.	25.45
Manistee Gas and Electric Co.	15.00	Washburne Electric Light and Power Co.	20.00
Marais Lumber Co.	16.63	Wichita Gas, Electric Light and Power Co.	10.12
Marblehead Municipal Light Department.	13.45		
Menominee and Marinette Light and Traction Co.	8.01		
J. E. Miller & Son.	12.03		
The Milwaukee Electric Rwy. and Light Co.	25.00		

Total amount paid for gas and electricity under above appropriation, \$3,535.41.

TRAVELING EXPENSES.

Cleveland Abbe.	\$365.80	William Patrick.	\$35.40
Samuel Bacon, jr.	29.95	W. F. R. Phillips.	44.55
James Berry.	195.84	R. M. Reese.	36.90
Frank H. Bigelow.	201.90	J. H. Robinson.	423.70
E. A. Brown.	12.97	Thomas G. Smith.	20.50
Joseph Brown.	16.50	W. B. Stockman.	194.14
E. B. Calvert.	266.47	Thad Stone.	30.45
S. C. Calvert.	45.00	R. H. Weightman.	33.90
D. J. Carroll.	33.46	H. E. Williams.	282.32
John P. Church.	16.40	A. Zappone.	612.75
Henry C. Cooke.	22.50	William H. Alexander.	93.97
Thomas Crawford.	33.75	Robert G. Allen.	56.77
T. F. Davis.	34.45	J. Cecil Alter.	106.45
H. C. Frankenfield.	834.65	Albert Ashenberger.	35.58
E. B. Garriott.	416.10	Alexander McC. Ashley.	113.65
A. J. Henry.	87.69	Ora O. Atto.	22.50
H. H. Kimball.	134.28	Wayland Bailey.	75.75
S. C. Long.	16.75	John A. Balster.	3.75
Charles F. Marvin.	211.76	James A. Barry.	116.40
R. L. Miller.	7.00	James L. Bartlett.	33.21
Willis L. Moore.	190.36	Simon S. Bassler.	41.46
D. R. Morris.	37.15	Henry C. Bate.	29.62

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

TRAVELING EXPENSES—Continued.

Name.	Amount.	Name.	Amount.
Jacob W. Bauer.....	\$74.72	Robert B. Harkness.....	\$71.50
Edward A. Beals.....	621.63	F. Eugene Hartwell.....	30.92
William S. Belden.....	51.20	George J. Heck.....	49.05
William Bell.....	42.80	Henry B. Hersey.....	444.90
Walter J. Bennett.....	16.00	W. J. Humphreys.....	12.70
Otto L. Blue.....	9.30	Vincent E. Jakl.....	43.00
Montello E. Blystone.....	30.35	Thorp B. Jennings.....	38.27
William T. Blythe.....	25.75	Frank Jermin.....	15.36
Walter E. Bonnett.....	24.05	Lewis N. Jesuinoisky.....	135.11
Harry B. Boyer.....	50.40	Clifton E. Johnson.....	3.50
Edward H. Bowie.....	204.75	Edward P. Jones.....	46.95
James Bracy.....	6.90	James Jones.....	51.85
Frederick H. Brandenburg.....	312.70	Levi A. Juddkins.....	39.40
Theodore L. Bridges.....	21.10	Benj. C. Kadel.....	127.67
Frederick W. Brist.....	61.35	James Kenealy.....	64.05
Albert L. Brockway.....	143.60	Angus N. Lamont.....	8.05
Byron H. Bronson.....	232.65	William T. Lathrop.....	101.03
W. J. Buhmann.....	38.30	William F. Lehman.....	7.50
Bernard Bunnemeyer.....	143.79	Robert T. Lindley.....	30.35
Alexander G. Burns.....	15.50	Charles E. Linney.....	123.05
Edward T. Burns.....	74.29	George A. Loveland.....	47.65
William G. Burns.....	10.92	Alexander G. McAdie.....	245.05
Ford A. Carpenter.....	152.25	Daniel McCallum.....	3.50
Frank P. Chaffee.....	48.97	Patrick McDonough.....	48.00
George M. Chappel.....	37.98	John J. McLean.....	61.19
Verne H. Church.....	9.75	Frank E. McLeary.....	62.35
Isaac M. Cline.....	46.10	John B. Marbury.....	104.06
Joseph L. Cline.....	6.90	Chester L. Mills.....	7.25
Harvey S. Cole.....	29.75	Elmo M. Minehart.....	23.30
Norman B. Conger.....	707.72	Alexander J. Mitchell.....	30.50
Patrick Connor.....	33.40	Charles L. Mitchell.....	30.50
Thomas J. Considine.....	47.20	William A. Mitchell.....	10.50
R. S. Cooper.....	5.00	R. A. Moffat.....	26.81
H. J. Cox.....	282.96	Frank Montgomery.....	21.30
James W. Cronk.....	40.38	Samuel L. Mosby.....	9.45
Noble M. Cunningham.....	86.75	Lester H. Murdoch.....	16.35
David Cuthbertson.....	150.95	John F. Newson.....	18.40
Albert J. Davis.....	22.85	Augustus B. Nichols.....	32.41
Edward R. Demain.....	44.62	Clinton E. Norquest.....	20.75
Lee A. Denson.....	33.82	G. Harold Noyes.....	89.11
William C. Devereaux.....	22.55	George R. Oberholzer.....	104.15
Charles R. Dewing.....	14.99	John J. O'Donnell.....	166.35
Laura M. Dey.....	18.75	William E. Oliver.....	14.75
Fred L. Disterdick.....	25.10	Thomas S. Outram.....	39.85
Isaac N. Dolph.....	40.83	Walter S. Palmer.....	66.97
William E. Donaldson.....	11.95	Rollin M. Patrick.....	24.95
Charles A. Donnel.....	26.00	Robert D. Pettet.....	21.85
Theodore F. Drake.....	80.05	Joseph C. Piercy.....	24.55
Ray A. Dyke.....	48.00	Lewis M. Pindell.....	101.87
George W. Eddey.....	68.00	Roswitte E. Pollock.....	370.55
W. A. Edwards.....	32.05	Arthur W. Pugh.....	36.20
Eben H. Emery.....	54.90	Ulysses G. Pursell.....	227.21
Samuel C. Emery.....	10.30	Charles D. Reed.....	7.15
Eugene D. Emigh.....	53.70	William F. Reed, jr.....	19.30
Edward A. Evans.....	50.80	George Reeder.....	31.87
William H. Fallon.....	1.50	Edward B. Richards.....	46.69
Oliver L. Fassig.....	74.55	Herbert W. Richardson.....	49.30
Maurice C. Faulk.....	69.35	Frank Ridgway.....	51.10
George W. Felger.....	18.10	Clarence J. Root.....	15.22
George F. Field.....	13.55	E. E. Row.....	17.15
H. T. Fugitt.....	30.28	John N. Ryker.....	2.00
George J. Gallaher.....	13.00	George N. Salisbury.....	138.52
Charles C. Garrett.....	4.75	Morgan R. Sanford.....	7.48
Elvin J. Glass.....	21.20	James H. Scarr.....	204.38
John R. Glenn.....	26.75	John W. Schaeffer.....	32.97
Samuel W. Glenn.....	47.30	Charles F. Schneider.....	22.11
Frederic Z. Gosewisch.....	16.97	William J. A. Schoppe.....	6.25
Robert Q. Grant.....	69.36	Louis G. Schultz.....	196.40
Herchmer W. Grasse.....	6.67	Dewey A. Seelye.....	55.28
James J. Gray.....	31.90	William A. Shaw.....	5.10
Richard W. Gray.....	24.85	Julius M. Sherier.....	14.05
William H. Green.....	81.13	Bertram J. Sherry.....	17.28
Samuel P. Gresham.....	37.40	Oscar V. Shomo.....	42.20
George E. Grines.....	1.00	H. O. Sink.....	12.45
Dexter C. Grunow.....	54.25	John W. Smith.....	103.63
H. H. Guise.....	3.70	J. Warren Smith.....	82.56
Arthur E. Hackett.....	65.60	Ralph W. Smith.....	43.75
Stanislaw Hanzlik.....	16.15	Patrick H. Smyth.....	158.40
Robert M. Hardinge.....	83.87	H. L. Solyom.....	2.80

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

TRAVELING EXPENSES—Continued.

Name.	Amount.	Name.	Amount.
Eugene E. Spencer.....	\$89.90	Theodore F. Townsend.....	\$84.99
James H. Spencer.....	23.85	Charles F. von Hermann.....	45.00
William P. Stewart.....	37.50	C. F. von Ostermann.....	27.00
Jesse R. Stone.....	30.22	Ferdinand J. Walz.....	99.07
Charles M. Strong.....	15.25	James M. Watson.....	17.60
Martin B. Stubbs.....	65.60	John R. Weeks.....	92.92
Richard H. Sullivan.....	130.02	Edward L. Wells.....	106.87
Melvin B. Summers.....	15.35	Abe Wiesner.....	49.45
Albert T. Summey.....	27.55	Robert M. Williamson.....	66.05
Leonard M. Tarr.....	74.55	Wilford M. Wilson.....	26.50
Alfred H. Thiessen.....	118.89	Arthur B. Wollaber.....	84.45
Walter W. Thomas.....	7.35	Charles S. Wood.....	47.95
Charles D. C. Thompson.....	41.55	Marsden Wright.....	40.05
George T. Todd.....	55.37	George B. Wurtz.....	27.45

Total amount paid for traveling expenses under above appropriation, \$17,510.88.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

Cleveland Abbe.....	\$79.98	Harvey B. Dick.....	\$19.80
H. F. Alciatore.....	15.00	I. N. Dolph.....	134.64
Wm. H. Alexander.....	13.80	L. Dorman.....	5.30
R. G. Allen.....	20.95	J. J. Doshier.....	5.00
Henry F. Alps.....	75.25	T. F. Drake.....	346.75
A. Ashenberger.....	4.75	W. M. Dudley.....	9.75
Wayland Bailey.....	8.30	E. H. Emery.....	206.51
James L. Bartlett.....	38.62	S. C. Emery.....	3.25
S. S. Bassler.....	5.35	Eugene D. Emigh.....	8.15
H. C. Bate.....	15.86	E. A. Evans.....	24.00
J. W. Bauer.....	123.25	O. L. Fassig.....	12.00
F. R. Beahan.....	137.60	Geo. W. Felger.....	1.50
E. A. Beals.....	48.28	Jno. Fitzgerald.....	4.00
W. S. Belden.....	12.55	Geo. E. Franklin.....	62.10
A. H. Bell.....	4.50	W. H. Gaskins.....	60.00
Wm. Bell.....	1.35	R. M. Geddings.....	4.75
F. H. Bigelow.....	35.00	Thos. Gibson.....	3.90
M. E. Blystone.....	76.37	E. J. Glass.....	60.00
W. T. Blythe.....	74.83	S. W. Glenn.....	16.90
J. P. Bolton.....	55.70	F. Z. Gosewisch.....	5.05
Walter E. Bonnett.....	22.00	R. Q. Grant.....	1.75
C. M. Boucher.....	.25	H. W. Grasse.....	43.55
E. H. Bowie.....	159.00	J. J. Gray.....	15.08
H. B. Boyer.....	49.85	W. H. Green.....	2.50
A. Brand.....	4.15	Sam. P. Gresham.....	47.04
F. H. Brandenburg.....	31.95	Geo. E. Grimes.....	11.38
Chas. B. Bright.....	154.00	D. C. Grunow.....	12.45
A. L. Brockway.....	223.25	Arthur E. Hackett.....	6.15
B. H. Bronson.....	23.55	Sumner Hackett.....	3.50
A. Buell.....	2.10	O. M. Hadley.....	154.00
B. Bunmeyer.....	55.05	Hal P. Hardin.....	69.05
A. G. Burns.....	19.51	R. M. Hardinge.....	6.25
W. G. Burns.....	21.30	F. Eugene Hartwell.....	156.04
Jno. W. Byram.....	46.65	Geo. Hass-Hagen.....	2.50
E. B. Calvert.....	40.34	Julius C. Hayden.....	3.25
Ford A. Carpenter.....	9.80	J. S. Hazen.....	2.20
F. P. Chaffee.....	9.63	Alvah E. Heath.....	13.65
Geo. M. Chappel.....	11.30	Geo. J. Heck.....	7.50
I. M. Cline.....	17.55	H. B. Hersey.....	27.50
J. L. Cline.....	15.95	Howard K. Holcomb.....	3.00
T. S. Collins.....	7.55	H. C. Howe.....	2.50
N. B. Conger.....	18.36	Robert J. Hyatt.....	.50
Pat. Connor.....	39.95	T. B. Jennings.....	5.00
Fred. W. Conrad.....	6.00	Frank Jermin.....	9.55
Louis C. Cover.....	25.70	L. N. Jesunofsky.....	15.44
M. E. Conway.....	1.58	C. E. Johnson.....	49.20
H. J. Cox.....	2.45	L. A. Judkins.....	36.25
J. W. Cronk.....	11.20	B. C. Kadel.....	153.89
W. S. Currier.....	2.00	J. J. Kelliher.....	4.00
David Cuthbertson.....	124.43	James Kenealy.....	11.16
L. H. Daingerfield.....	154.00	Dennis S. Landis.....	4.00
Albert J. Davis.....	20.15	N. D. Lane.....	15.75
W. L. Day.....	52.26	Wm. T. Lathrop.....	206.39
R. H. Dean.....	20.00	Hugo Legler.....	4.05
Paul De Graw.....	744.00	Wm. F. Lehman.....	1.65
E. R. Demain.....	16.75	Chas. W. Ling.....	3.00
Lee A. Denson.....	10.25	Chas. E. Linney.....	54.20
Charles R. Dewing.....	170.04	Geo. A. Loveland.....	18.61
L. M. Dey.....	.35	A. G. McAdie.....	14.50

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES—Continued.

Name.	Amount.	Name.	Amount.
D. P. McCallum.....	\$71.15	Chas. F. Schneider.....	\$24.10
Alex. McC. Ashley.....	421.27	Dewey A. Seeley.....	1.45
Pat McDonough.....	8.73	J. M. Sherier.....	20.80
G. W. McDowall.....	.75	W. U. Simons.....	36.50
Ed. W. McGann.....	43.52	A. F. Sims.....	.84
J. J. McLean.....	20.15	J. Pemberton Slaughter.....	2.25
J. B. Marbury.....	63.50	J. H. Smith.....	17.05
A. J. Mitchell.....	21.60	J. W. Smith.....	12.13
Wm. A. Mitchell.....	3.05	J. W. Smith.....	63.27
Willis L. Moore.....	34.34	Pat H. Smyth.....	5.15
L. H. Murdoch.....	10.75	Eugene E. Spencer.....	2.75
F. Newman.....	3.50	Chas. Stewart.....	.95
John F. Newsom.....	16.16	Wm. P. Stewart.....	5.15
E. H. Nimmo.....	7.00	Chas. M. Strong.....	31.63
G. H. Noyes.....	14.22	M. B. Stubbs.....	21.00
Geo. R. Oberholzer.....	5.50	R. H. Sullivan.....	2.75
G. J. O'Connor.....	154.00	L. G. Sutton.....	2.25
J. J. O'Donnell.....	264.59	L. M. Tarr.....	32.55
Wm. J. Olds.....	1.70	N. R. Taylor.....	7.70
Wm. E. Oliver.....	2.00	A. H. Thiessen.....	76.85
T. S. Outram.....	34.39	Chas. D. C. Thompson.....	18.40
W. S. Palmer.....	43.97	E. C. Thompson.....	97.56
Orin Parker.....	13.75	E. H. Thompson.....	19.40
L. S. Parrott.....	10.00	Geo. T. Todd.....	7.25
H. R. Patrick.....	22.90	T. F. Townsend.....	23.44
Wm. Patrick.....	21.16	Chas. F. von Herrmann.....	50.06
J. C. Piercy.....	.50	E. C. Vose.....	24.55
L. M. Pindell.....	13.55	B. L. Waldron.....	20.50
R. E. Pollock.....	210.51	F. J. Walz.....	2.55
W. G. Purssell.....	3.11	James M. Watson.....	22.40
Chas. D. Reed.....	.25	John R. Weeks.....	1.40
Wm. F. Reed, jr.....	3.50	Ed. L. Wells.....	37.85
Geo. Reeder.....	70.45	James I. Widmeyer.....	10.30
Ed. B. Richards.....	47.45	Abe Wiesner.....	21.08
H. W. Richardson.....	4.18	John R. Williams.....	17.90
Frank Ridgway.....	7.55	Geo. H. Willson.....	1.20
J. H. Robinson.....	23.86	Geo. N. Wilson.....	6.20
M. A. Robinson.....	250.25	W. W. Wilson.....	25.95
M. O. Robinson.....	31.00	Art. B. Wollaber.....	6.24
C. J. Root.....	2.35	Peter Wood.....	14.15
E. E. Row.....	1.75	Marsden Wright.....	15.13
John N. Ryker.....	39.89	Geo. B. Wurtz.....	7.15
Geo. N. Salisbury.....	9.90	R. F. Young.....	50.20
Morgan R. Sanford.....	3.54		

Total amount paid for station and field expenses under above appropriation, \$8,288.04.

Total expended for all purposes under appropriation for General Expenses, Weather Bureau, \$569,610.89.

Unexpended balance, \$2,389.11.

Expenditures of the Weather Bureau, Department of Agriculture, for the fiscal year ended June 30, 1905.

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
Apalachicola and Tallahassee Telegraph Co.....	Telegraph.....	\$8.14
Carrabelle, Tallahassee and Georgia R. R. Co.....	do.....	13.14
Central District and Printing Telegraph Co.....	do.....	270.10
Chicago, Rock Island and Pacific Rwy. Co.....	do.....	5.21
John Clarke.....	do.....	16.40
Corvallis and Eastern R. R. Co.....	do.....	30.70
Enterprise Telegraph Co.....	do.....	15.20
Great Northwestern Telegraph Co. of Canada.....	do.....	1,475.21
J. T. Harper.....	do.....	48.68
International Ocean Telegraph Co.....	do.....	1,637.03
Jacksonville and St. Johns Bar Telegraph Line.....	do.....	84.75
Marthas Vineyard Telegraph Co.....	do.....	352.00
Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.....	do.....	147.60
Moncure and Pittsboro Telegraph Co.....	do.....	17.70

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

CONTRACTS—Continued.

Name of contractor.	Nature of contract.	Approximate amount.
Ocean Towboat Line.....	Telegraph.....	\$104.00
W. B. Peebles.....	do.....	20.62
Postal Telegraph-Cable Co.....	do.....	11,741.75
Postal Telegraph-Cable Co. of Texas.....	do.....	542.89
Put-in Bay Telegraph Co.....	do.....	33.75
Rising Sun Telegraph Line.....	do.....	31.00
Western Union Telegraph Co.....	do.....	193,560.49
Winton Telegraph Co.....	do.....	20.00
Alabama, Mississippi and Tennessee Telephone Co.....	Telephone.....	77.00
Bell Telephone Co. of Buffalo.....	do.....	17.05
Chesterfield Telephone and Telegraph Co.....	do.....	30.30
Chicago Telephone Co.....	do.....	25.40
Clinchport Telephone Co.....	do.....	10.95
Cumberland Telephone and Telegraph Co.....	do.....	1,498.90
Dakota Central Telephone Lines (Incorporated).....	do.....	410.78
East Tennessee Telephone Co.....	do.....	350.50
Home Telephone Co.....	do.....	121.60
Iowa Telephone Co.....	do.....	22.40
Knox Telephone and Telegraph Co.....	do.....	4.30
Madisonville and Trigonia Telephone Co.....	do.....	7.10
Michigan State Telephone Co.....	do.....	24.50
New England Telephone and Telegraph Co.....	do.....	38.25
North Montana Telephone Co.....	do.....	53.90
Northwestern Telephone Exchange Co.....	do.....	24.00
Ohio River Telephone Co.....	do.....	61.60
Pacific States Telephone and Telegraph Co.....	do.....	341.27
Peoples' Independent Telephone Co. (Limited).....	do.....	26.00
Rocky Mountain Bell Telephone Co.....	do.....	399.50
Southern Bell Telephone and Telegraph Co.....	do.....	58.50
Tucker Telephone and Telegraph Co.....	do.....	60.00
Tyrrell County Telephone Co.....	do.....	23.50
Washington County Telephone Co.....	do.....	19.30
Direct West India Cable Co. (Limited).....	Cable.....	2,063.08
Kelley Island and Sandusky Cable Co.....	do.....	25.20

[Appropriation: Buildings, Weather Bureau, 1905, \$48,000.]

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
James Alder.....	\$27.00	James B. Gaynor.....	\$91.50
Samuel Alder.....	295.00	General Fireproofing Co.....	31.00
Clifton Alder.....	11.25	George E. Grimes.....	2.50
William F. Arnett.....	90.00	J. Grimes.....	9.00
W. F. Ashby.....	117.50	Grove Lime and Coal Co.....	73.75
Oliver J. Bailey.....	1.00	R. E. J. Grubb.....	396.25
Charles D. Baker.....	72.00	Harding & Upman.....	1,067.13
Chas. W. Baker.....	133.50	J. Hoff.....	37.50
Barber & Ross.....	180.00	Jas. T. Hoff.....	67.50
J. W. Bauer.....	6.50	Robert J. Hotchkiss.....	385.50
R. F. Beavers.....	16.50	E. F. Hummer.....	91.25
A. C. Bell.....	426.25	W. S. Hummer.....	331.50
Geo. W. S. Bell.....	8,670.00	W. T. Hummer.....	546.25
J. N. Bell.....	102.50	Frank H. Jackson.....	787.00
Luther Bell.....	262.50	David E. Jacobs.....	25.00
Bradley Polytechnic Institute.....	53.00	Clarence Jenkins.....	256.25
Jno. Bramhall.....	34.50	King Construction Co.....	7,490.00
Jno. J. Bramhall.....	48.00	James B. Lambie Co. (Incorporated).....	443.50
Robt. Bramhall.....	39.00	J. H. Leslie.....	530.00
Robt. W. Bramhall.....	78.00	J. F. Littleton.....	91.25
Ellery M. Brayton, trustee.....	3,792.50	J. L. Lloyd.....	348.75
Newton Champ.....	58.50	John Martz.....	361.50
James Chappell.....	122.50	W. H. McDonough.....	517.50
Church & Stephenson.....	2,273.86	M. D. McMahon.....	1.00
Columbia National Sand Dredging Co.....	120.00	R. L. Myers.....	353.00
Jno. W. Connor.....	392.50	C. H. Osburn & Bro.....	45.33
Joseph L. Crupper.....	702.00	H. Paddack & Co.....	381.00
James Y. Deacon.....	730.00	T. Randall.....	98.00
Devils Lake Improvement Co.....	450.00	James Reed.....	45.00
Wm. H. Dyer.....	32.40	Thos. M. Reed.....	612.00
Epworth University.....	38.90	Robert L. Ridgeway.....	8.00
Andrew Feltner.....	125.00	J. A. Robert.....	155.00
A. J. Feltner.....	167.50	Walter Robey.....	85.50

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
W. L. Robey	\$193.50	J. H. Thiemeyer Co	\$592.00
Chas. H. Robinson	49.03	V. Mabel Thompson	3,200.00
John T. Schafer	10.00	A. J. Tinsman	272.50
H. R. Scott	123.75	A. T. Tinsman	189.00
J. J. Shull	229.00	Enoch Tinsman	170.00
Thomas P. Simpson	3,333.00	John T. Tomblin	4.00
E. P. Sloss	87.50	J. Edward Turton	800.00
F. M. Smallwood	355.50	Thos. R. White	108.75
H. L. Smallwood	368.75	Warren M. Whyte	662.40
Peter Smith	255.00	Gus Williams	57.50
Thos. Somerville & Sons	8.46	Wm. Woolf	46.25
S. P. Stevenson	304.00	W. A. Woolf	77.50
G. E. L. Stuewart	183.00	J. R. Wyne & Co	7.85
M. Tavenner	30.00	W. H. Wyer & Co	365.00
Mason D. Tavenner	285.00		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$47,803.11.

Unexpended balance, \$196.89.

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
Geo. W. S. Bell	Building construction work	\$8,670.00
Bradley Polytechnic Institute	do	53.00
Ellery M. Brayton, trustee	do	3,792.50
Epworth University	do	38.90
Harding & Upman	do	1,067.13
King Construction Co.	do	7,490.00
J. H. Leslie	do	530.00
J. A. Robert	do	100.00
Thomas P. Simpson	do	2,500.00
V. Mabel Thompson	do	3,200.00
J. Edward Turton	do	800.00
Warren M. Whyte	do	662.40

[Appropriation: Cables and land lines, Weather Bureau, 1905, \$27,000.]

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
American Steel and Wire Co.	\$1,788.34	George Hutzler	\$126.99
M. J. Austin	75.00	Wm. Isensee	19.00
R. G. Austin	172.00	Bent Johnson	4.25
W. H. Basnight	986.00	Sequel Johnson	5.00
Edward A. Beals	5.08	Archie Johnston	225.00
L. A. Berry	2.00	James B. Lambie & Co. (Inc.)	18.90
Bishop Gutta-Percha Co	16,227.25	P. J. Malbon	8.90
Charley Lee Bouden	24.00	John Maleske	13.00
J. H. Bunnell & Co.	29.26	Manhattan Electrical Supply Co.	121.25
L. D. Burns	28.00	L. A. Midget	53.17
C. H. Callender	10.00	Leroy S. Midget	26.00
Callender Navigation Co	805.00	National Electrical Supply Co.	1,623.50
Oscar Carlson	15.00	F. Newhall & Sons	281.25
Central Electric Co.	142.15	Norfolk and Southern R. R. Co.	62.54
Charlevoix Lumber Co	284.00	E. D. Oneal	50.00
H. A. Drinkwater	14.00	Porter-McNeal Co	67.63
M. Du Perow	35.30	Port of Portland (Oreg.)	400.00
J. Erickson	21.00	John A. Quidley	66.00
B. F. Etheridge	6.00	John A. Roebling's Sons Co.	116.58
Evans & Meekins	1,353.64	M. M. Robinson	50.00
Flint & Walling Manufacturing Co.	16.60	Arthur St. Peter	9.75
Foard & Stokes Co	8.80	John A. Swenson	12.00
W. L. Gaskill	124.00	Wm. Thompson	14.00
Geo. M. Gaskins	76.00	Klass Van Weelden	6.00
R. M. Gaskins	186.00	Waterbury Battery Co	732.50
U. O. Gaskins	30.00	Western Telephone Mfg. Co.	12.35
W. H. Gaskins	15.17	Western Union Telegraph Co.	160.49
Holtzer-Cabot Electric Co	128.45	A. J. Willis	16.00
Ernest Hutzler	5.00	J. I. Willis	54.00

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$26,991.09.

Unexpended balance, \$8.91.

Expenditures of the Weather Bureau, Department of Agriculture, etc.—Continued.

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
Bishop Gutta-Percha Co	Furnishing cables	\$16,225.00

Recapitulation of the several appropriations for the Weather Bureau as distributed among the following groups, and the total expenditures under each.

Statutory salaries	\$180,229.15
Lump-fund salaries in Washington	29,868.30
Lump-fund salaries outside of Washington	538,100.78
Stationery	37,922.51
Miscellaneous supplies and services, equipment, books, apparatus, machinery, and laboratory materials of all kinds	202,053.88
Furniture	13,461.63
Fuel	7,878.28
Freight	5,369.86
Express	665.11
Telegraph	215,018.34
Telephone	14,485.67
Rent	59,363.56
Gas and electricity	3,811.11
Traveling expenses	17,510.88
Station and field expenses	8,228.04
Total for entire	1,334,027.10
Unexpended balance	3,712.90
Total of appropriations for Weather Bureau	1,337,740.00

Expenditures of the Weather Bureau, Department of Agriculture, for the fiscal year ended June 30, 1905.

PROJECTS.

The principal projects conducted by the Weather Bureau during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

U. S. No. 116. W. B. No. 1.	Solar radiation investigations.	No expenditures.
U. S. No. 593. W. B. No. 2.	Terrestrial magnetism and atmospheric electricity	\$2,370.42
U. S. No. 594. W. B. No. 3.	Frost conditions and prediction of frost in cranberry fields.	No expenditures.
U. S. No. 595. W. B. No. 4.	Solar and terrestrial meteorology.	No expenditures.
U. S. No. 596. W. B. No. 5.	Physical investigations.	No expenditures.
U. S. No. 597. W. B. No. 6.	Upper air research	463.97

NOTE.—The above expenditures were in addition to the regular salaries of the officials engaged and the cost of a permanent building erected during the year in connection with W. B. Project No. 6.

Expenditures of the Bureau of Animal Industry, Department of Agriculture, for the fiscal year ended June 30, 1905.

[Appropriation: Salaries, Bureau of Animal Industry, \$87,880.]

STATUTORY SALARIES, TRAVELING EXPENSES, AND STATION AND FIELD EXPENSES.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
D. E. Salmon	Chief of Bureau	\$4,999.99	\$740.31	.....	\$5,740.30
A. D. Melvin	Assistant Chief	2,500.00	1,177.32	.....	3,677.32
E. B. Jones	Chief clerk	1,999.99	.....	.....	1,999.99
A. M. Farrington	Chief, inspection division	2,500.00	19.15	.....	2,519.15
H. J. Washburn	Assistant chief, inspection division	1,800.00	5.60	.....	1,805.60
Henry E. Alvord	Chief, dairy division	631.88	46.90	.....	678.78
E. H. Webster	do	1,145.84	612.82	\$101.18	1,859.82
C. B. Lane	Assistant chief, dairy division	1,800.00	227.40	17.82	2,045.24
John R. Mohler	Chief, pathological division	2,500.00	120.95	217.10	2,838.05
J. N. Hornbaker	Assistant in pathological division	1,200.00	.....	.....	1,200.00

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

STATUTORY SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
Geo. H. Hart.....	Assistant in pathological division.	\$200.00	\$81.90		\$200.00
B. C. Oberly.....	do.	400.00			481.90
Geo. W. Stiles, jr.....	do.	600.00			600.00
Thos. B. Reamy.....	do.	840.00			840.00
Marion Dorset.....	Chief, biochemic division.	2,500.00	109.95	\$133.61	2,743.56
J. A. Emery.....	Assistant, biochemic division.	1,800.00	20.32	20.14	1,800.00
E. W. Brown.....	do.	349.99			390.45
T. M. Price.....	do.	1,050.00			1,050.00
N. F. Haughton.....	do.	1,200.00			1,200.00
Rose Browning.....	do.	300.00			300.00
Alice Henderson.....	do.	240.00			240.00
G. L. Woodin.....	do.	94.00			94.00
R. W. Hickman.....	Zoologist.	2,500.00			2,885.67
Albert Hassall.....	Veterinary Inspector.	1,800.00	385.67		1,800.00
J. S. Buckley.....	do.	1,600.00			1,600.00
C. F. Flocken.....	do.	206.04			206.04
Geo. H. Hart.....	do.	699.99			699.99
Geo. B. Morse.....	do.	1,399.99			1,399.99
E. C. Schroeder.....	Superintendent experiment station.	1,999.99		86.76	2,086.75
G. W. Brett.....	Assistant superintendent experiment station.	1,000.00			1,000.00
H. H. Gerdes.....	Clerk, class 4.	1,800.00	492.56		1,800.00
J. M. Pickens.....	Editorial clerk.	1,800.00			2,292.56
Joseph Abel.....	Clerk, class 3.	1,600.00			1,600.00
C. C. Carroll.....	Clerk, class 2.	1,399.99			1,399.99
F. N. Gregory.....	do.	1,399.99			1,399.99
Evelyn Lyons.....	do.	1,399.99			1,399.99
I. W. Pew.....	do.	1,399.99			1,399.99
McP. Reynolds.....	do.	1,399.99			1,399.99
T. A. Scott.....	do.	1,399.99			1,399.99
Mary Sullivan.....	do.	1,399.99			1,399.99
Mary T. Dent.....	Clerk, class 1.	1,113.33			1,113.33
Mary E. Fagan.....	do.	1,200.00			1,200.00
F. R. Fravel.....	do.	1,200.00			1,200.00
M. H. Mahon.....	do.	1,200.00			1,200.00
Mary G. Marshall.....	do.	1,200.00			1,200.00
Sadia Haskell.....	Clerk at \$1,000.	1,000.00			1,000.00
C. A. Pfender.....	do.	1,000.00			1,000.00
S. R. Reeves.....	do.	1,000.00			1,000.00
LeRoy Scribner.....	do.	1,000.00			1,000.00
H. L. Watson.....	do.	991.67			1,085.42
E. C. Johnston.....	do.	500.00	93.75		500.00
M. C. Montgomery.....	do.	500.00			500.00
Eunice R. Oberly.....	do.	333.30			333.30
Geo. W. Stiles, jr.....	do.	166.70			166.70
G. L. Woodin.....	do.	416.70			416.70
E. C. Johnston.....	Clerk at \$900.	450.00			450.00
B. M. Rowley.....	do.	175.00			175.00
Geo. W. Stiles, jr.....	do.	300.00			300.00
W. R. Swank.....	do.	375.00			375.00
G. L. Woodin.....	do.	225.00			225.00
A. C. Atwood.....	Clerk at \$840.	840.00			840.00
M. A. Agnew.....	do.	840.00			840.00
A. C. Crain.....	do.	840.00			840.00
L. E. Fairfax.....	do.	840.00			840.00
H. J. Fegan.....	do.	315.00			368.21
Alice Henderson.....	do.	350.00			350.00
W. L. Marcy.....	do.	315.00			315.00
W. R. Swank.....	do.	140.00			140.00
L. J. Simonton.....	do.	840.00			840.00
Geo. I. Hall.....	Fireman.	720.00			720.00
B. R. Sherwood.....	do.	720.00			720.00
C. C. Croghan.....	Messenger.	720.00			720.00
A. H. Kite.....	do.	720.00			720.00
John Nicholas.....	do.	720.00			720.00
W. C. Shimoneck.....	do.	720.00			720.00
E. G. Grau.....	Skilled laborer.	660.00			660.00
Geo. W. Scheerer.....	do.	660.00			660.00
W. S. D. Haines.....	Illustrator.	1,399.99			1,399.99
Total.....		83,564.32			

Total amount paid for salaries under above appropriation, \$83,564.32.

Unexpended balance, \$4,315.68.

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

[Appropriation: General expenses, Bureau of Animal Industry, 1905 \$1,250,000. Deficiency, \$150,000. (March 3, 1905).]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
R. M. Reese.....	Assistant, at \$2,000.....	\$1,999.99	\$36.90	.....	\$2,036.89
Geo. F. Thompson.....	Editor, at \$2,000.....	1,999.99	871.35	.....	2,871.34
E. H. Webster.....	Dairy inspector, at \$2,000.....	77.78	.....	.....	77.78
R. P. Steddom.....	Inspector, at \$2,000.....	999.99	61.80	.....	1,061.79
Do.....	Inspector, at \$1,800.....	900.00	.....	.....	900.00
A. L. Pitney.....	Special agent, at \$1,800.....	1,800.00	.....	.....	1,800.00
B. M. Bolton.....	Expert, per month, at \$150.....	1,800.00	.....	.....	1,800.00
W. E. Cotton.....	Expert assistant, at \$1,600.....	1,600.00	.....	.....	1,600.00
G. H. Parks.....	Architect, at \$1,600.....	1,600.00	51.55	.....	1,651.55
E. W. Brown.....	Scientific assistant, at \$1,400.....	1,007.22	.....	.....	1,007.22
H. W. Graybill.....	Scientific assistant, at \$840.....	301.00	.....	.....	301.00
C. N. McBryde.....	Scientific assistant, at \$1,600.....	400.00	205.10	.....	605.10
Do.....	Scientific assistant, at \$1,400.....	1,050.00	.....	.....	1,050.00
T. M. Price.....	Scientific assistant, at \$1,600.....	400.00	.....	.....	400.00
B. H. Ransom.....	do.....	400.00	269.35	\$0.60	669.95
Do.....	Scientific assistant, at \$1,400.....	1,050.00	.....	.....	1,050.00
F. L. Rector.....	Scientific assistant, at \$720.....	120.00	.....	.....	120.00
E. C. Stevenson.....	Scientific assistant, at \$1,000.....	250.00	.....	10.45	260.45
Do.....	Scientific assistant, at \$900.....	675.00	.....	.....	675.00
Geo. M. Rommel.....	Animal husbandman, at \$1,600.....	400.00	671.41	2.50	1,073.91
Do.....	Animal husbandman, at \$1,400.....	1,050.00	.....	.....	1,050.00
G. A. Bell.....	Assistant animal husbandman, at \$900.....	112.50	1.98	.....	114.48
Do.....	Assistant animal husbandman, at \$840.....	245.00	.....	.....	245.00
E. G. Ritzman.....	do.....	350.00	.....	.....	350.00
B. H. Rawl.....	Dairy expert, at \$1,400.....	350.00	542.48	.....	892.48
L. A. Rogers.....	Expert in dairy bacteriology, at \$1,400.....	233.33	190.59	.....	423.92
Do.....	Expert in dairy bacteriology, at \$1,200.....	1,000.00	.....	.....	1,000.00
C. F. Doane.....	Expert in dairying, at \$1,600.....	208.89	426.31	.....	635.20
Do.....	Special dairy agent, per month at \$100.....	300.00	.....	.....	300.00
A. G. Guthridge.....	Telephone and telegraph operator, at \$1,400.....	1,399.99	.....	.....	1,399.99
A. A. Harmon.....	Assistant inspector, at \$1,200.....	500.00	.....	.....	500.00
Geo. H. Hart.....	do.....	400.00	.....	.....	400.00
G. L. Woodin.....	Assistant, biochemic division, at \$900.....	75.00	.....	.....	75.00
A. M. West.....	Assistant, biochemic division, at \$1,200.....	1,050.00	.....	.....	1,050.00
Duncan Stuart.....	Assistant, dairy division, at \$1,200.....	1,200.00	.....	.....	1,200.00
Colman Brez.....	Instrument repairer, at \$1,200.....	700.00	.....	.....	700.00
Do.....	Instrument repairer, at \$1,000.....	416.60	.....	.....	416.60
R. E. L. Thompson.....	Carpenter, at \$1,100.....	1,099.99	.....	.....	1,099.99
E. J. Maloy.....	Messenger and custodian, at \$1,000.....	1,000.00	.....	.....	1,000.00
R. C. Harley.....	Expert assistant, per month, at \$60.....	720.00	.....	.....	720.00
H. J. Shore.....	Laboratory assistant, at \$750.....	375.00	.....	.....	375.00
H. S. McAuley.....	Laboratory aid, at \$600.....	73.33	.....	.....	73.33
L. R. Davies.....	Scientific aid, per month, at \$40.....	60.00	4.40	.....	64.40
F. L. Rector.....	Scientific aid, at \$600.....	500.00	.....	.....	500.00
E. G. Ritzman.....	Scientific aid, at \$480.....	280.00	.....	.....	280.00
Louise Brereton.....	Assistant microscopist, at \$600.....	350.00	.....	.....	350.00
Do.....	Microscopist, at \$900.....	375.00	.....	.....	375.00
A. Fossum.....	Clerk, at \$1,400.....	466.67	.....	.....	466.67
C. O. Goodpasture.....	do.....	1,399.99	.....	.....	1,399.99
B. C. Oberly.....	do.....	933.39	.....	.....	933.39
C. H. Cross.....	Clerk, at \$1,200.....	250.00	.....	.....	250.00
Carrie Myers.....	do.....	1,070.00	.....	.....	1,070.00
W. J. Nevius.....	do.....	600.00	.....	.....	600.00
E. J. Newmyer.....	do.....	1,200.00	.....	.....	1,200.00
Joseph A. Rice.....	do.....	1,056.67	.....	.....	1,056.67
W. S. Stamper.....	do.....	1,200.00	.....	.....	1,200.00
B. G. Wasdon.....	do.....	1,200.00	.....	.....	1,200.00
C. H. Cross.....	Clerk, at \$1,000.....	708.37	.....	.....	708.37
Alice Henderson.....	Clerk, at \$720.....	180.00	.....	.....	180.00
W. E. Miller.....	Clerk, per month, at \$60.....	90.00	.....	.....	90.00

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Grace M. Curtin.....	Clerk, per month, at \$40.....	\$60.00	.....	.....	\$60.00
A. J. Browning.....	Stenographer, at \$1,200.....	156.67	.....	.....	156.67
L. B. Goetz.....	Skilled laborer, at \$840.....	840.00	.....	.....	840.00
Amelia Turner.....	Skilled laborer, per month, at \$40.....	200.00	.....	.....	200.00
R. H. Cooke.....	Messenger, at \$840.....	840.00	.....	.....	840.00
W. P. Stedman.....	do.....	840.00	.....	.....	840.00
L. C. Schilling.....	Assistant messenger, at \$720.....	180.00	.....	.....	180.00
T. Trice.....	do.....	720.00	.....	.....	720.00
L. C. Schilling.....	Assistant messenger, at \$600.....	450.00	.....	.....	450.00
Bennett Hammond.....	Messenger boy, per month, at \$40.....	8.00	.....	.....	8.00
E. B. Henry.....	do.....	44.00	.....	.....	44.00
K. K. Rozzelle.....	Messenger boy, at \$480.....	240.00	.....	.....	240.00
A. E. Fletcher.....	Messenger boy, at \$360.....	101.00	.....	.....	101.00
E. L. Mann.....	Messenger boy, per month, at \$30.....	38.00	.....	.....	38.00
S. D. Castleman.....	Laborer, at \$740.....	720.00	.....	.....	720.00
P. A. Hines.....	do.....	720.00	.....	.....	720.00
O. R. Perry.....	do.....	720.00	.....	.....	720.00
A. H. Hollidge.....	Laborer, per month, at \$60.....	720.00	.....	.....	720.00
J. A. Moxley.....	do.....	720.00	.....	.....	720.00
H. B. Myers.....	do.....	720.00	.....	.....	720.00
J. M. Perry.....	do.....	720.00	.....	.....	720.00
W. R. Poore.....	do.....	720.00	.....	.....	720.00
E. V. Rapp.....	do.....	720.00	.....	.....	720.00
R. E. Seek.....	do.....	720.00	.....	.....	720.00
J. W. Shipley.....	do.....	720.00	\$10.51	.....	730.51
H. J. Shore.....	do.....	360.00	.....	.....	360.00
J. F. Skidmore.....	do.....	720.00	.....	.....	720.00
R. G. Stedman.....	do.....	720.00	.....	.....	720.00
C. M. Thomas.....	do.....	720.00	.....	.....	720.00
Fanny Tyson.....	do.....	720.00	.....	.....	720.00
F. Voight.....	do.....	720.00	.....	.....	720.00
Wm. Alexander.....	Laborer, per month, at \$50.....	600.00	.....	.....	600.00
A. C. Cassell.....	do.....	600.00	.....	.....	600.00
A. L. Dahler.....	Laborer, at \$600.....	600.00	.....	.....	600.00
C. E. Eaton.....	Laborer, per month, at \$50.....	600.00	.....	.....	600.00
C. W. Given.....	do.....	61.67	.....	.....	61.67
V. E. Johnson.....	do.....	600.00	.....	.....	600.00
H. M. Patton.....	do.....	600.00	.....	.....	600.00
W. T. Pugh.....	do.....	300.00	.....	.....	300.00
G. M. Stadler.....	do.....	600.00	.....	.....	600.00
C. W. Towers.....	do.....	100.00	.....	.....	100.00
A. Voight.....	do.....	600.00	.....	.....	600.00
G. F. Coleman.....	Laborer, per month, at \$45.....	270.00	.....	.....	270.00
H. Henderson.....	Laborer, at \$540.....	540.00	.....	.....	540.00
F. Mathews.....	Laborer, per month, at \$45.....	540.00	.....	.....	540.00
O. A. Phillips.....	Laborer, at \$540.....	165.00	.....	.....	165.00
W. T. Pugh.....	Laborer, per month, at \$45.....	270.00	.....	.....	270.00
J. Richards.....	Laborer, at \$500.....	499.99	.....	.....	499.99
S. S. Berlin.....	Laborer, per month, at \$40.....	480.00	.....	.....	480.00
E. V. Caywood.....	do.....	360.00	.....	.....	360.00
G. F. Coleman.....	do.....	240.00	.....	.....	240.00
Phoebe DeAtley.....	Laborer, at \$480.....	469.33	.....	.....	469.33
J. Fletcher.....	Laborer, per month, at \$40.....	80.00	.....	.....	80.00
C. Gingell.....	do.....	380.00	.....	.....	380.00
M. L. Hughes.....	do.....	53.33	.....	.....	53.33
W. J. Kirby.....	do.....	400.00	.....	.....	400.00
W. W. Lynch.....	do.....	104.00	.....	.....	104.00
Willena Mozee.....	Laborer, at \$480.....	480.00	.....	.....	480.00
A. E. Phillips.....	Laborer, per month, at \$40.....	480.00	.....	.....	480.00
W. H. Pyles.....	do.....	480.00	.....	.....	480.00
S. Samuel.....	do.....	480.00	.....	.....	480.00
C. Gingell.....	Laborer, per month, at \$35.....	87.50	.....	.....	87.50
A. Holmes.....	do.....	210.00	.....	.....	210.00
F. Lancaster.....	do.....	420.00	.....	.....	420.00
J. Leftwich.....	do.....	420.00	.....	.....	420.00
W. W. Lynch.....	do.....	180.83	.....	.....	180.83
R. Woodland.....	do.....	210.00	.....	.....	210.00
Henry Darr.....	Laborer, per month, at \$30.....	289.00	.....	.....	289.00
W. H. Drummonds.....	do.....	360.00	.....	.....	360.00
A. Holmes.....	do.....	180.00	.....	.....	180.00
C. Mullican.....	do.....	277.00	.....	.....	277.00
R. Woodland.....	do.....	180.00	.....	.....	180.00

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
W. R. Atkins.....	Laborer, per day, at \$1.50.....	\$41.25	.....	.....	\$41.25
Wm. Briscoe.....	do.....	7.50	.....	.....	7.50
F. Meyett.....	do.....	120.00	.....	.....	120.00
John T. Phipps.....	do.....	6.00	.....	.....	6.00
Alex. Washington.....	do.....	7.50	.....	.....	7.50
Rudolph Washington.....	do.....	15.00	.....	.....	15.00
D. J. Byrnes.....	Watchman, at \$600.....	178.33	.....	.....	178.33
Wm. Halley.....	Watchman, per month, at \$50.....	65.00	.....	.....	65.00
Martha Barrett.....	Charwoman, at \$480.....	420.00	.....	.....	420.00
I. A. Cook.....	Charwoman, per month, at \$40.....	456.00	.....	.....	456.00
Alice V. DeAtley.....	Charwoman, at \$480.....	480.00	.....	.....	480.00
Louise Douglas.....	do.....	480.00	.....	.....	480.00
Eliz. Fleming.....	do.....	60.00	.....	.....	60.00
Jennie Jones.....	do.....	480.00	.....	.....	480.00
Lula Marshall.....	do.....	200.00	.....	.....	200.00
M. E. Martin.....	do.....	480.00	.....	.....	480.00
E. L. O'Rourke.....	do.....	480.00	.....	.....	480.00
C. M. Ridley.....	do.....	400.00	.....	.....	400.00
C. T. Gill.....	Charwoman, per month, at \$40.....	480.00	.....	.....	480.00
M. E. Sullivan.....	do.....	280.00	.....	.....	280.00
Kate Wasson.....	Charwoman, at \$480.....	280.00	.....	.....	280.00
C. M. Ridley.....	Charwoman, at \$360.....	60.00	.....	.....	60.00
W. T. Burrows.....	Bricklayer, per day, at \$4.50.....	270.00	.....	.....	270.00
J. A. Englehart.....	do.....	130.50	.....	.....	130.50
Peter O'Donoghue.....	do.....	130.50	.....	.....	130.50
Jos. Thompson.....	do.....	94.50	.....	.....	94.50
Geo. Been.....	Carpenter, per day, at \$3.50.....	101.50	.....	.....	101.50
R. H. Brown.....	do.....	273.00	.....	.....	273.00
Joseph Langham.....	do.....	262.50	.....	.....	262.50
J. G. Sawyer.....	do.....	276.50	.....	.....	276.50
John F. Barghausen.....	Carpenter, per day, at \$3.....	15.00	.....	.....	15.00
P. M. Broocke.....	Carpenter, per day, at \$2.50.....	22.81	.....	.....	22.81
M. Chrysam.....	do.....	25.31	.....	.....	25.31
R. Angusterfer.....	Elec. wiremar, per day, at \$3.50.....	28.00	.....	.....	28.00
E. J. Bashford.....	Elec. lineman, per day, at \$3.00.....	9.00	.....	.....	9.00
E. H. Henderson.....	Elec. lineman, per month, at \$60.....	24.00	.....	.....	24.00
J. Caldwell.....	Painter, per day, at \$3.....	39.00	.....	.....	39.00
J. A. Cratty.....	Plumber, per day, at \$4.....	52.00	.....	.....	52.00
Geo. D. Daly.....	do.....	20.00	.....	.....	20.00
J. J. Lawless.....	do.....	100.00	.....	.....	100.00
Geo. D. Stewart.....	Steamfitter, per day, at \$4.....	80.00	.....	.....	80.00

Total amount paid for salaries in Washington under above appropriation, \$82,486.71.

[Outside of Washington.]

W. H. Wray.....	Inspector, at \$12.50 per day.....	\$4,562.50	\$100.35	\$883.63	\$4,746.48
O. E. Dyson.....	Inspector, at \$2,500.....	2,500.00	23.65	254.96	2,778.61
T. A. Geddes.....	do.....	2,500.00	646.19	12.50	3,158.69
W. H. Rose.....	Inspector, at \$2,250.....	2,250.00	.....	171.41	2,421.41
Don C. Ayer.....	Inspector, at \$2,000.....	2,000.00	.....	181.20	2,181.20
S. E. Bennett.....	do.....	2,000.00	.....	337.75	2,337.75
J. F. Ryder.....	do.....	2,000.00	54.26	747.14	2,801.40
Geo. S. Baker.....	Inspector, at \$1,800.....	1,800.00	162.85	26.85	1,989.70
Lewis R. Baker.....	do.....	1,800.00	.....	231.45	2,031.45
J. J. Brougham.....	do.....	1,800.00	.....	601.45	2,401.45
S. W. Burt.....	do.....	1,800.00	.....	300.00	2,100.00
J. B. Clancy.....	do.....	300.00	.....	174.81	474.81
U. G. Houck.....	do.....	1,800.00	1,665.43	.....	3,465.43
Jas. Johnston.....	do.....	1,800.00	15.36	.....	1,815.36
A. G. G. Richardson.....	do.....	1,800.00	412.56	75.21	2,287.77
C. A. Schaulfer.....	do.....	1,800.00	21.18	574.97	2,396.15
H. N. Waller.....	do.....	1,800.00	.....	109.20	1,909.20
M. Wooden.....	do.....	1,800.00	.....	.....	1,800.00
A. E. Behnke.....	Inspector, at \$1,600.....	1,577.78	146.22	496.83	2,220.83
J. B. Clancy.....	do.....	1,333.33	.....	.....	1,333.33
Lowell Clarke.....	do.....	666.67	473.67	6.00	1,146.34
E. T. Davison.....	do.....	1,600.00	793.46	657.35	3,050.81
Geo. Ditewig.....	do.....	1,595.56	.....	104.97	1,700.53
Geo. C. Faville.....	do.....	1,600.00	.....	66.25	1,666.25
H. H. George.....	do.....	1,600.00	.....	162.89	1,762.89
H. A. Hedrick.....	do.....	1,600.00	4.00	54.60	1,658.60
O. B. Hess.....	do.....	1,599.99	195.95	.....	1,795.94

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
A. A. Holcombe.....	Inspector, at \$1,600	\$933.34	\$724.46	\$26.40	\$1,684.20
J. Huelsen.....	do.....	1,600.00	.....	117.05	1,717.05
Geo. A. Johnson.....	do.....	1,600.00	.....	139.25	1,739.25
F. D. Ketchum.....	do.....	1,600.00	109.29	314.93	2,024.22
O. J. Lanigan.....	do.....	1,600.00	.....	.....	1,600.00
John McBirney.....	do.....	640.00	911.30	.....	1,551.30
Louis Metsker.....	do.....	666.67	121.75	253.96	1,042.38
J. C. Milnes.....	do.....	1,008.88	.....	.....	1,008.88
W. B. Niles.....	do.....	1,599.99	102.11	212.53	1,914.63
A. J. Payne.....	do.....	1,466.66	387.17	7.95	1,861.78
R. A. Ramsay.....	do.....	1,333.34	1,023.93	95.13	2,452.40
E. P. Schaffter.....	do.....	1,600.00	35.12	.50	1,635.62
W. H. Smith, jr.....	do.....	1,600.00	.....	.....	1,600.00
N. C. Sorensen.....	do.....	1,586.66	.....	46.50	1,633.16
T. J. Turner.....	do.....	1,599.99	355.22	.....	1,955.21
B. P. Wende.....	do.....	1,600.00	12.35	564.40	2,176.75
C. H. Zink.....	do.....	1,484.45	78.80	4.50	1,567.75
Louis Abel.....	Inspector, at \$1,500.....	1,500.00	.....	4.35	1,504.35
H. B. Adair.....	do.....	625.00	.....	.....	625.00
F. W. Ainsworth.....	do.....	1,491.67	.....	30.40	1,522.07
L. J. Allen.....	do.....	1,500.00	517.15	.....	2,017.15
M. O. Anderson.....	do.....	1,500.00	.....	1.30	1,501.30
Thos. L. Armstrong.....	do.....	1,479.16	67.50	.....	1,546.66
I. K. Atherton.....	do.....	1,500.00	.....	.....	1,500.00
O. G. Atherton.....	do.....	1,500.00	49.02	.....	1,549.02
B. Baldwin.....	do.....	1,500.00	2.85	47.09	1,549.94
W. C. Barth.....	do.....	1,375.00	959.06	.....	2,334.06
H. M. Batchelder.....	do.....	1,250.00	510.00	.....	1,760.00
L. P. Beechy.....	do.....	1,475.00	339.25	.....	1,814.25
E. L. Bertram.....	do.....	1,500.00	.....	2.63	1,502.63
W. N. D. Bird.....	do.....	1,500.00	12.12	.....	1,512.12
J. E. Blackwell.....	do.....	1,404.17	15.45	.....	1,419.62
R. J. Planche.....	do.....	625.00	479.69	.....	1,104.69
G. A. Bond.....	do.....	1,375.00	734.70	.....	2,109.70
F. Braginton.....	do.....	1,500.00	.....	18.60	1,518.60
T. A. Bray.....	do.....	1,500.00	378.14	300.00	2,178.14
Henry Brister.....	do.....	1,500.00	.....	.....	1,500.00
H. E. Brown.....	do.....	187.50	36.50	.....	224.00
W. A. Bruette.....	do.....	1,445.83	.....	.....	1,445.83
C. H. Bugbee.....	do.....	625.00	622.82	4.00	1,251.82
H. Busman.....	do.....	1,500.00	.....	.....	1,500.00
G. W. Butler.....	do.....	1,404.17	.....	301.02	1,705.19
H. Caldwell.....	do.....	1,500.00	.....	.....	1,500.00
C. H. Canfield.....	do.....	1,500.00	12.85	.....	1,512.85
T. W. Carnahan.....	do.....	1,500.00	.....	.....	1,500.00
A. M. Casper.....	do.....	250.00	.....	.....	250.00
Thos. Castor.....	do.....	1,500.00	.....	.....	1,500.00
H. B. Chaney.....	do.....	1,500.00	.....	6.10	1,506.10
C. A. Clawson.....	do.....	250.00	378.84	.....	628.84
D. G. Cooper.....	do.....	1,500.00	.....	.....	1,500.00
W. R. Cooper.....	do.....	1,500.00	.....	.....	1,500.00
Robt. Darling.....	do.....	1,500.00	.....	300.00	1,800.00
C. H. Davies.....	do.....	1,395.83	192.95	.....	1,588.78
C. M. Day.....	do.....	1,500.00	223.47	482.85	2,206.32
L. E. Day.....	do.....	1,500.00	592.06	.....	2,092.06
F. L. DeWolf.....	do.....	1,500.00	.....	2.25	1,502.25
E. P. Dowd.....	do.....	1,500.00	.....	.....	1,500.00
R. N. Drake.....	do.....	625.00	551.50	.....	1,176.50
F. C. Eells.....	do.....	1,000.00	553.25	.....	1,553.25
W. P. Ellenberger.....	do.....	1,500.00	318.62	.....	1,818.62
A. T. Everett.....	do.....	1,500.00	.....	.....	1,500.00
H. K. Fegley.....	do.....	1,500.00	7.50	3.45	1,510.95
J. Wm. Fink.....	do.....	1,500.00	28.20	.....	1,528.20
J. G. Fish.....	do.....	1,466.66	695.44	.....	2,162.10
Jas. Fleming.....	do.....	1,500.00	.....	.....	1,500.00
W. R. Fleming.....	do.....	625.00	559.65	.....	1,184.65
E. J. Foreman.....	do.....	250.00	279.08	.....	529.08
L. K. Green.....	do.....	1,500.00	27.81	26.65	1,554.46
T. T. Green.....	do.....	1,437.50	.....	.....	1,437.50
J. S. Grove.....	do.....	995.83	115.40	.....	1,111.23
H. J. Hammond.....	do.....	625.00	525.19	.....	1,150.19
D. C. Hanawalt.....	do.....	625.00	662.60	.....	1,287.60
R. H. Harrison.....	do.....	1,375.00	55.85	.....	1,430.85
H. W. Hawley.....	do.....	1,500.00	.....	.....	1,500.00
J. J. Hayes.....	do.....	625.00	865.25	.....	1,490.25

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
S. G. Hendren.....	Inspector, at \$1,500.....	\$1,500.00			\$1,500.00
R. W. Hewett.....	do.....	1,250.00	\$41.47		1,291.47
J. G. Hope.....	do.....	1,500.00			1,500.00
F. W. Hopkins.....	do.....	1,500.00	265.46		1,765.46
J. B. Hopper.....	do.....	1,120.83			1,120.83
W. E. Howe.....	do.....	625.00	328.65		953.65
Benj. Howes.....	do.....	1,500.00	22.52		1,522.52
E. N. Hutchinson.....	do.....	625.00	1,089.50		1,714.50
G. T. Irons.....	do.....	1,416.67	25.60		1,442.27
A. N. Irwin.....	do.....	941.67	538.95		1,480.62
J. O. Jacobs.....	do.....	625.00	654.80		1,279.80
Raymond Johnson.....	do.....	1,125.00	279.36		1,404.36
B. F. Kaupp.....	do.....	312.50			312.50
Chas. Keane.....	do.....	212.50		\$25.00	237.50
J. S. Kelly.....	do.....	1,500.00		14.60	1,514.60
R. L. Kelly.....	do.....	1,500.00			1,500.00
P. I. Kershner.....	do.....	625.00	350.10		955.10
J. A. Kiernan.....	do.....	1,375.00	917.58		2,292.58
L. A. Klein.....	do.....	500.00	43.00	503.60	846.60
J. V. Laddey.....	do.....	795.83	212.27		1,008.10
M. S. Lantz.....	do.....	625.00	489.09		1,114.09
R. G. Lawton.....	do.....	312.50	508.93		821.43
W. B. Lincoln.....	do.....	1,125.00	216.93	21.46	1,363.39
Albert Long.....	do.....	1,500.00	8.60	4.95	1,513.55
C. Loveberry.....	do.....	250.00		840.01	1,090.01
G. A. Lytle.....	do.....	1,500.00			1,500.00
A. McBride.....	do.....	1,500.00			1,500.00
F. McCurdy.....	do.....	125.00			125.00
A. F. Martins.....	do.....	1,500.00			1,500.00
Chester Miller.....	do.....	1,187.50	271.30		1,458.80
J. Miller.....	do.....	1,495.83		28.84	1,524.67
M. B. Miller.....	do.....	1,125.00			1,125.00
A. B. Morse.....	do.....	1,500.00		14.35	1,514.35
P. H. Mallowney.....	do.....	1,500.00	98.95		1,598.95
B. W. Murphy.....	do.....	250.00			250.00
W. J. Murphy.....	do.....	1,500.00			1,500.00
M. T. Naughton.....	do.....	1,500.00			1,500.00
W. N. Neil.....	do.....	1,500.00		12.10	1,512.10
J. P. O'Leary.....	do.....	1,500.00	34.34		1,534.34
I. W. O'Rourke.....	do.....	625.00	629.90		1,254.90
J. L. Otterman.....	do.....	875.00			875.00
C. F. Palmer.....	do.....	187.50			187.50
J. W. Parker.....	do.....	1,125.00	400.90		1,525.90
D. W. Patton.....	do.....	1,445.83			1,445.83
H. D. Paxson.....	do.....	1,420.83		3.00	1,423.83
A. J. Pistor.....	do.....	625.00	375.40		1,000.40
J. O. F. Price.....	do.....	1,125.00			1,125.00
R. A. Ramsay.....	do.....	125.00			125.00
L. A. Robinson.....	do.....	1,500.00	34.82		1,534.82
H. Roome.....	do.....	312.50	27.29		339.79
H. M. Rowe.....	do.....	625.00	566.45		1,191.45
H. R. Ryder.....	do.....	312.50	49.49		361.99
W. A. Savage.....	do.....	625.00	659.80		1,284.80
T. W. Scott.....	do.....	250.00		14.70	264.70
T. A. Shipley.....	do.....	1,500.00	13.88	42.81	1,556.69
D. G. Shumway.....	do.....	1,470.83			1,470.83
W. C. Siegmund.....	do.....	1,500.00			1,500.00
E. L. Siggins.....	do.....	1,500.00			1,500.00
H. M. Smith.....	do.....	1,250.00			1,250.00
N. B. Smith.....	do.....	625.00	548.20		1,173.20
O. W. Snyder.....	do.....	1,500.00			1,500.00
F. L. Stevens.....	do.....	1,125.00			1,125.00
W. J. Stewart.....	do.....	1,500.00			1,500.00
A. W. Swedberg.....	do.....	187.50	17.00		204.50
J. J. Thackaberry.....	do.....	1,125.00			1,125.00
H. T. Thompson.....	do.....	1,500.00			1,500.00
G. E. Totten.....	do.....	625.00	380.65		1,005.65
N. L. Townsend.....	do.....	625.00	291.75	300.00	1,216.75
R. H. Treacy.....	do.....	1,375.00	752.05		2,127.05
R. W. Tuck.....	do.....	1,479.17			1,479.17
F. S. Tufts.....	do.....	1,500.00			1,500.00
R. N. Turnbull.....	do.....	125.00			125.00
E. L. Volgenau.....	do.....	1,375.00	32.67		1,407.67
A. H. Wallace.....	do.....	1,466.67	104.40		1,571.07
H. K. Walter.....	do.....	125.00			125.00

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Thos. White.....	Inspector, at \$1,500.....	\$625.00	\$613.15		\$1,238.15
A. E. Wight.....	do.....	1,320.83	568.75		1,889.58
W. W. Worcester.....	do.....	625.00	501.75		1,126.75
Jno. B. Wright.....	do.....	1,500.00			1,500.00
Chas. Cowie.....	Inspector, at \$8 per day.....	1,136.00	106.70		1,242.70
F. L. Russell.....	do.....	856.00	375.95		1,231.95
D. Cumming.....	Inspector, at \$5 per day.....	735.00			735.00
M. E. Knowles.....	Inspector, at \$4 per day.....	8.00			8.00
W. R. Andress.....	Inspector, at \$1,400.....	1,400.00			1,400.00
H. C. Babcock.....	do.....	1,400.00	33.39	\$287.22	1,720.61
H. M. Ball.....	do.....	1,100.00	592.90		1,692.90
H. M. Batchelder.....	do.....	233.33			233.33
A. M. Blackwell.....	do.....	404.44	667.88		1,072.32
N. V. Boyce.....	do.....	1,050.00	269.10		1,319.10
F. W. Brewer.....	do.....	1,127.78	458.10		1,585.88
H. E. Brown.....	do.....	1,221.11			1,221.11
G. W. Browning.....	do.....	816.69	129.55		946.24
J. L. Burgett.....	do.....	1,400.00	173.64		1,573.64
D. C. Burnett.....	do.....	1,400.00			1,400.00
S. H. Caldwell.....	do.....	1,400.00	31.85		1,431.85
E. J. Carey.....	do.....	1,240.56	660.97		1,901.53
A. M. Casper.....	do.....	1,112.21			1,112.21
C. A. Clawson.....	do.....	1,166.66			1,166.66
J. E. Cloud.....	do.....	1,400.00			1,400.00
R. E. Cochrane.....	do.....	1,034.44			1,034.44
H. H. Cohenour.....	do.....	1,399.99	554.99		1,954.98
H. H. Collins.....	do.....	1,283.34	521.20		1,804.54
S. E. Cosford.....	do.....	1,375.00	526.40		1,901.40
W. F. Crewe.....	do.....	1,283.34	572.67		1,856.01
E. A. Crossman.....	do.....	1,400.00			1,400.00
Wm. E. Day.....	do.....	1,400.00	141.60		1,541.60
J. W. Deming.....	do.....	583.34	252.25	1.50	837.09
J. D. De Ronde.....	do.....	350.00			350.00
W. I. Dillingham.....	do.....	1,400.00	198.20		1,598.20
C. O. Durfee.....	do.....	1,400.00	18.47		1,418.47
R. F. Eagle.....	do.....	1,155.00	417.16		1,572.16
Wm. Eckl.....	do.....	1,041.67			1,041.67
A. Eichorn.....	do.....	1,205.56	399.47		1,605.03
Fred Evans.....	do.....	116.67	482.90		599.57
Ora W. Everly.....	do.....	350.00			350.00
A. C. Fitzpatrick.....	do.....	1,399.99			1,399.99
E. J. Foreman.....	do.....	350.00			350.00
Wm. Fotheringham.....	do.....	1,399.99			1,399.99
W. J. Fretz.....	do.....	1,400.00	296.61		1,696.61
B. A. Gallagher.....	do.....	466.67			466.67
D. R. Gillies.....	do.....	1,400.00			1,400.00
Jos. M. Good.....	do.....	1,240.56	13.65		1,254.21
J. S. Grove.....	do.....	174.99			174.99
G. G. Grundy.....	do.....	175.00			175.00
H. J. Hancock.....	do.....	700.00	614.10		1,314.10
R. H. Harrison.....	do.....	116.66			116.66
A. C. Hart.....	do.....	758.33	170.50		928.83
D. S. Hays.....	do.....	1,400.00			1,400.00
R. W. Hewett.....	do.....	233.33			233.33
W. L. Hiatt.....	do.....	116.67	156.67		273.34
H. H. Hicks.....	do.....	1,400.00	209.55		1,609.55
J. B. Hollenbeck.....	do.....	1,400.00			1,400.00
J. B. Hopper.....	do.....	350.00			350.00
J. J. Hougendobler.....	do.....	350.00			350.00
F. W. Huntington.....	do.....	878.89		4.00	882.89
W. H. Hurst.....	do.....	1,050.00	561.00		1,611.00
Andrew Hyde.....	do.....	1,400.00	59.20		1,459.20
W. R. Hynes.....	do.....	1,400.00			1,400.00
M. Imes.....	do.....	933.35	710.90		1,644.25
A. N. Irwin.....	do.....	521.10			521.10
R. E. Jackson.....	do.....	1,400.00			1,400.00
Robt. Jay.....	do.....	1,400.01	16.77		1,416.78
G. Jerome.....	do.....	583.33	147.46		730.79
R. Johnson.....	do.....	350.00			350.00
W. L. Johnson.....	do.....	583.34	390.90		974.24
W. F. Jones.....	do.....	575.56			575.56
D. S. Kanstoroom.....	do.....	1,158.90			1,158.90
I. N. Krowl.....	do.....	1,298.88			1,298.88
W. F. Lavery.....	do.....	1,400.00			1,400.00
R. G. Lawton.....	do.....	929.44			929.44

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
R. B. Leeper.....	Inspector, at \$1,400.....	\$1,166.67			\$1,166.67
W. B. Lincoln.....	do.....	350.00			350.00
C. Loveberry.....	do.....	1,147.21			1,147.21
C. A. McCall.....	do.....	1,400.00	\$246.72		1,646.72
R. L. McClelland.....	do.....	1,166.67			1,166.67
F. McCurdy.....	do.....	1,283.33			1,283.33
C. M. McFarland.....	do.....	1,400.00			1,400.00
W. O. McHugh.....	do.....	175.00			175.00
H. R. McNally.....	do.....	583.34	731.25		1,314.59
W. M. MacKeller.....	do.....	583.34	148.80		732.14
Jens Madsen.....	do.....	1,166.67			1,166.67
D. J. Mangan.....	do.....	1,400.00			1,400.00
I. C. Mattatall.....	do.....	1,400.00			1,400.00
R. N. Mead.....	do.....	1,400.00			1,400.00
W. H. Meadors.....	do.....	1,400.00	4.85		1,404.85
A. W. Miller.....	do.....	1,400.01	315.13	\$90.00	1,805.14
M. B. Miller.....	do.....	350.00			350.00
J. W. Montague.....	do.....	1,400.00	31.75		1,431.75
P. J. Morrison.....	do.....	1,400.00	3.18		1,403.18
C. J. Morrow.....	do.....	1,400.00			1,400.00
B. W. Murphy, jr.....	do.....	1,166.66			1,166.66
F. E. Murray.....	do.....	1,050.00	258.05		1,308.05
V. A. Norgaard.....	do.....	513.34	146.75		660.09
L. A. Nutting.....	do.....	1,283.34	795.34		2,078.68
J. L. Otterman.....	do.....	583.33			583.33
G. D. Painter.....	do.....	1,400.00			1,400.00
C. F. Palmer.....	do.....	1,224.99			1,224.99
Chas. Pearson.....	do.....	816.67	154.40		971.07
F. M. Perry.....	do.....	1,372.77	128.40		1,501.17
M. T. Perry.....	do.....	1,400.00			1,400.00
T. B. Pote.....	do.....	1,400.00			1,400.00
C. B. Potter.....	do.....	116.66			116.66
N. C. Powell.....	do.....	350.00			350.00
J. O. F. Price.....	do.....	350.00			350.00
T. L. Rice.....	do.....	513.33			513.33
T. S. Rich.....	do.....	583.34	408.70		992.04
X. I. Richmond.....	do.....	233.34	394.22		627.56
A. E. Rishel.....	do.....	1,400.00		287.54	1,687.54
B. R. Rogers.....	do.....	1,399.99	4.20		1,404.19
Henry Roome.....	do.....	1,108.33			1,108.33
H. R. Ryder.....	do.....	1,108.33			1,108.33
M. A. Sappington.....	do.....	583.33	177.02		760.35
T. W. Scott.....	do.....	1,166.66			1,166.66
J. M. Simpson.....	do.....	583.34	624.70		1,208.04
J. A. Sloan.....	do.....	1,400.00	213.55		1,613.55
H. M. Smith.....	do.....	233.33			233.33
W. T. Sparhawk.....	do.....	1,400.00			1,400.00
F. L. Stevens.....	do.....	350.00			350.00
E. N. Stout.....	do.....	991.67	501.52		1,493.19
F. P. Sturges.....	do.....	1,166.67			1,166.67
F. T. Suit.....	do.....	1,400.00	11.13		1,411.13
A. W. Swedberg.....	do.....	1,217.21			1,217.21
J. J. Thackaberry.....	do.....	350.00			350.00
H. B. Treman.....	do.....	350.00			350.00
W. B. Trenbeth.....	do.....	1,166.67	9.30		1,175.97
Robt. Turnbull.....	do.....	972.21			972.21
E. L. Volgenau.....	do.....	116.66			116.66
A. C. Walls.....	do.....	1,400.00			1,400.00
H. K. Walter.....	do.....	1,283.33			1,283.33
E. K. Ward.....	do.....	1,400.01	5.00		1,405.01
G. W. Ward.....	do.....	1,400.00	111.70		1,511.70
Laomer West.....	do.....	58.33			58.33
M. C. Wiley.....	do.....	1,396.11			1,396.11
W. C. Wootton.....	do.....	991.67	13.87		1,005.54
W. H. Gibbs.....	Inspector, at \$1,200.....	1,200.00		26.00	1,226.00
H. D. Mayne.....	do.....	1,190.00	101.56		1,291.56
H. A. Alcorn.....	Assistant inspector, at \$1,200.....	983.33	310.85		1,294.18
E. R. Allen.....	do.....	110.00			110.00
F. T. Allen.....	do.....	1,200.00			1,200.00
R. M. Allen.....	do.....	993.34			993.34
J. Anglicker.....	do.....	1,160.00	533.58		1,693.58
S. C. Babson.....	do.....	1,048.34	13.15		1,061.49
A. L. Bailey.....	do.....	500.00	701.88		1,201.88
Howard Baker.....	do.....	1,100.00			1,100.00
Wm. M. Balmer.....	do.....	356.67			356.67

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
C. W. Barnhart	Assistant inspector, at \$1,200.	\$1,200.00			\$1,200.00
E. H. Baumann	do	716.67			716.67
W. L. Beebe	do	166.67			166.67
C. R. Behler	do	600.00	\$641.11		1,241.11
J. A. Bell	do	592.00	176.53		768.53
J. E. Bender	do	1,130.00			1,130.00
W. G. Benner	do	1,200.00			1,200.00
J. S. Berner	do	1,200.00			1,200.00
A. M. Blackwell	do	853.33			853.33
S. L. Blount	do	1,160.00	28.75		1,188.75
J. B. Boazman	do	1,200.00	193.67		1,393.67
W. C. Bower	do	1,200.00			1,200.00
J. C. Bowman	do	980.00	460.50		1,440.50
W. J. Bracken	do	1,100.00	571.00		1,671.00
P. J. Brady	do	1,200.00	13.70		1,213.70
S. D. Brimhall	do	1,023.33	269.21		1,292.54
A. D. Bullock	do	796.67			796.67
J. C. Burneson	do	1,196.67			1,196.67
W. J. Butler	do	890.00	838.14		1,728.14
B. J. Cady	do	1,200.00			1,200.00
J. B. Campbell	do	400.00	27.55		427.55
L. S. Campbell	do	900.00	660.80		1,560.80
E. C. Carle	do	1,200.00			1,200.00
L. M. Chambers	do	153.33			153.33
K. G. Cherrington	do	1,173.33			1,173.33
M. H. Cochran	do	290.00			290.00
R. E. Cochrane	do	200.00			200.00
J. H. Cock	do	1,100.00			1,100.00
W. L. Cohenour	do	1,056.67			1,056.67
A. T. Coleman	do	1,200.00	151.30		1,351.30
C. F. Colson	do	66.33			66.33
Wm. T. Conway	do	950.00			950.00
J. D. Cooper	do	1,200.00			1,200.00
Wm. M. Cummins	do	1,200.00	169.70		1,369.70
M. L. Davenport	do	1,200.00			1,200.00
B. C. Davis	do	1,100.00	730.80		1,830.80
A. K. Dean	do	96.67			96.67
J. D. DeRonde	do	900.00			900.00
Robt. Dill	do	1,000.00			1,000.00
O. A. Diller	do	1,200.00			1,200.00
F. B. Drake	do	1,100.00			1,100.00
J. W. Dunham	do	610.00	253.80		863.80
J. G. Eagle	do	1,200.00	65.75		1,265.75
R. F. Eagle	do	200.00			200.00
T. J. Eagle	do	1,093.33	537.35		1,630.68
Wm. Eckl	do	300.00			300.00
C. L. Elliott	do	1,200.00			1,200.00
F. N. Elwell	do	1,183.33			1,183.33
Fred Evans	do	1,000.00			1,000.00
Ora W. Everly	do	900.00			900.00
J. F. Fahey	do	1,200.00			1,200.00
A. J. Farley	do	1,200.00			1,200.00
J. V. Foster	do	156.67			156.67
Wm. A. Fry	do	1,200.00	267.38		1,467.38
G. E. Frye	do	45.00			45.00
B. A. Gallagher	do	200.00			200.00
J. J. Gallagher	do	1,200.00	262.25		1,462.25
F. A. Gibbs	do	1,200.00			1,200.00
F. J. Glynn	do	1,100.00	512.76		1,612.76
W. M. Goff	do	1,200.00			1,200.00
Ralph Graham	do	1,193.34			1,193.34
Ralph Graham	do	1,163.33	241.20		1,404.53
Marvin Gregory	do	1,200.00			1,200.00
R. B. Grimes	do	200.00	29.55		229.55
G. G. Grundy	do	1,050.00			1,050.00
Wm. J. Guilfoil	do	1,193.34			1,193.34
Wm. Hamilton	do	500.00	389.95		889.95
A. A. Harmon	do	600.00			600.00
Jas. Hart	do	890.00			890.00
T. C. Hays	do	1,000.00	233.00		1,233.00
C. C. Heacock	do	673.33	243.20		916.53
Hannes Hela	do	1,200.00			1,200.00
J. J. L. Heldring	do	1,200.00	305.30		1,505.30
E. P. Henderson	do	1,200.00			1,200.00
L. C. Henderson	do	1,200.00	110.45		1,310.45

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Chas. H. Herrold.....	Assistant inspector, at \$1,200..	\$300.00			\$300.00
W. L. Hiatt.....	do	1,100.00			1,100.00
Thos. H. Hicks.....	do	400.00	\$101.00		501.00
A. L. Hirliman.....	do	1,200.00			1,200.00
Alfred B. Hollis.....	do	1,200.00			1,200.00
R. E. Holm.....	do	700.00			700.00
H. B. Hood.....	do	1,200.00	13.15		1,213.15
J. J. Hougendobler.....	do	900.00			900.00
H. J. Hoyman.....	do	1,200.00	156.10		1,356.10
L. B. Huff.....	do	80.00			80.00
D. A. Hughes.....	do	1,200.00			1,200.00
F. W. Huntington.....	do	446.67			446.67
L. M. Hurt.....	do	100.00	88.25		188.25
Frank A. Ingram.....	do	600.00			600.00
Moses Isaac.....	do	1,200.00			1,200.00
Geo. Jerome.....	do	700.00			700.00
J. V. Jewell.....	do	200.00			200.00
F. E. Johnson.....	do	1,200.00	411.81		1,611.81
L. E. Johnson.....	do	200.00	19.40		219.40
Carl A. Johnston.....	do	1,133.33	720.05		1,853.38
P. K. Jones.....	do	600.00			600.00
T. A. Jones.....	do	1,200.00			1,200.00
E. C. Joss.....	do	1,200.00	9.85	\$3.15	1,213.00
F. L. Kampschmidt.....	do	1,130.00	511.08		1,641.00
D. S. Kanstoroom.....	do	200.00			200.00
J. S. Keane.....	do	1,156.67			1,156.67
Peter T. Keeley.....	do	600.00			600.00
John Keppel.....	do	1,200.00	183.50		1,383.58
Frank Kickbusch.....	do	673.33			673.33
Geo. W. Knorr.....	do	1,193.33			1,193.33
Adam T. Knowles.....	do	1,200.00			1,200.00
Louis H. Kraus.....	do	500.00	30.60		530.60
M. B. Lamb.....	do	156.67	7.65		164.32
Dudley C. Langford.....	do	896.67			896.67
R. B. Leeper.....	do	200.00			200.00
W. K. Lewis.....	do	1,200.00			1,200.00
Lewis A. Licking.....	do	1,063.33	52.52		1,115.85
M. C. Lint.....	do	1,200.00			1,200.00
Alfred H. Logan.....	do	1,200.00	32.35		1,232.35
J. H. Lowe.....	do	1,200.00			1,200.00
A. E. Luks.....	do	1,200.00			1,200.00
W. H. Lytle.....	do	896.67	411.20		1,307.87
W. B. McAlister.....	do	300.00	103.75		403.75
R. L. McClelland.....	do	200.00			200.00
S. W. McClure.....	do	800.00	562.88		1,362.88
Willis E. McCray.....	do	633.33			633.33
W. O. McHugh.....	do	1,050.00			1,050.00
Thos. A. Mabie.....	do	1,000.00			1,000.00
J. A. Madden.....	do	1,160.00	82.30		1,242.30
Jens Madsen.....	do	200.00			200.00
Jas. Mahon.....	do	1,200.00			1,200.00
Henry Marshall.....	do	150.00			150.00
C. E. Mauldin.....	do	1,200.00	525.97		1,725.97
Geo. H. Miner.....	do	180.00			180.00
W. C. Mitchell.....	do	1,120.00	31.30		1,151.30
Chas. M. Morgan.....	do	1,186.67			1,186.67
C. L. Morin.....	do	1,200.00	83.80		1,283.80
W. J. Muldoon.....	do	1,156.68			1,156.68
R. M. Mullings.....	do	370.00	107.05		477.05
Mich. Murphy.....	do	746.67			746.67
Robt. C. Musser.....	do	750.00	59.15		809.15
E. Meyer.....	do	1,200.00			1,200.00
E. M. Nighbert.....	do	1,200.00	100.98		1,300.98
E. P. Niles.....	do	1,200.00			1,200.00
Andrew B. Niven.....	do	1,200.00			1,200.00
O. W. Noyes.....	do	500.00	943.70		1,443.70
J. P. O'Connor.....	do	796.67	579.40		1,376.07
W. R. O'Neal.....	do	200.00	5.20		205.20
G. M. Otis.....	do	1,200.00			1,200.00
F. D. Owen.....	do	1,200.00	142.19		1,342.19
I. Owens.....	do	1,193.34			1,193.34
L. I. Palmer.....	do	1,196.67			1,196.67
Frank Parker.....	do	500.00	713.70		1,213.70
Chas. A. Parkerson.....	do	200.00			200.00
T. S. Partlan.....	do	1,123.33			1,123.33

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Arthur Paul.....	Assistant inspector, at \$1,200..	\$1,200.00	\$12.50	.....	\$1,212.50
Chas. Pearson.....	do	500.00	.....	.....	500.00
Martin A. Peck.....	do	616.67	.....	.....	616.67
C. R. Perkins.....	do	1,080.00	.....	.....	1,080.00
J. W. Poole.....	do	600.00	.....	.....	600.00
N. C. Powell.....	do	900.00	.....	.....	900.00
Patrick E. Quinn.....	do	1,200.00	.....	.....	1,200.00
Robt. M. Raban.....	do	900.00	162.07	.....	1,062.07
Chas. A. Rapp.....	do	1,126.67	5.90	.....	1,132.57
C. A. Raque.....	do	1,200.00	.....	.....	1,200.00
A. N. Reber.....	do	836.67	.....	.....	836.67
J. B. Reidy.....	do	1,200.00	.....	.....	1,200.00
Geo. E. Repp.....	do	773.33	.....	.....	773.33
X. I. Richmond.....	do	650.00	.....	.....	650.00
Jesse Robards.....	do	400.00	168.80	.....	568.80
E. S. Roberts.....	do	250.00	107.45	.....	357.45
Jno. F. Roe.....	do	1,143.34	.....	.....	1,143.34
Wm. R. Rosekrans.....	do	893.33	.....	.....	893.33
Snyder Rudolph.....	do	1,100.00	.....	.....	1,100.00
A. Ruth.....	do	1,200.00	.....	.....	1,200.00
M. A. Sappington.....	do	700.00	.....	.....	700.00
Major Schofield.....	do	426.67	.....	.....	426.67
H. M. Schultz.....	do	610.00	.....	.....	610.00
W. Schumacher.....	do	1,000.00	372.50	.....	1,372.50
G. A. Scott.....	do	93.33	.....	.....	93.33
S. A. Selby.....	do	1,200.00	.....	.....	1,200.00
John Sevenster.....	do	300.00	.....	.....	300.00
S. L. Shaw.....	do	1,200.00	19.60	.....	1,219.60
J. O. Simcoke.....	do	916.66	.....	.....	916.66
Clyde E. Simmons.....	do	563.33	.....	.....	563.33
J. M. Simpson.....	do	66.67	.....	.....	66.67
W. A. Skinner.....	do	690.00	543.50	.....	1,233.50
Frank L. Skrabble.....	do	500.00	.....	.....	500.00
J. J. Smart.....	do	1,166.67	.....	.....	1,166.67
S. Somerville, jr.....	do	1,150.01	444.61	.....	1,594.62
L. C. Songer.....	do	1,196.67	.....	.....	1,196.67
W. H. Spear.....	do	200.00	.....	.....	200.00
J. A. Stauffer.....	do	1,200.00	780.10	.....	1,980.10
M. R. Steffen.....	do	350.00	89.80	.....	439.80
Fred Stehle.....	do	1,200.00	.....	.....	1,200.00
R. A. Stephens.....	do	1,200.00	.....	.....	1,200.00
Sylvester H. Stephens.....	do	873.34	.....	.....	873.34
Chas. A. Stewart.....	do	1,200.00	20.10	.....	1,220.10
O. A. Stingley.....	do	1,050.00	87.45	.....	1,137.45
E. N. Stout.....	do	350.00	.....	.....	350.00
J. T. Stuart.....	do	1,200.00	.....	.....	1,200.00
F. P. Sturgis.....	do	200.00	.....	.....	200.00
R. H. Thomas.....	do	1,200.00	.....	.....	1,200.00
Reginald Thomas.....	do	1,200.00	14.16	.....	1,214.16
J. D. Thrower.....	do	400.00	96.25	.....	496.25
H. J. Timmermann.....	do	1,200.00	.....	.....	1,200.00
H. B. Treman.....	do	896.67	.....	.....	896.67
W. B. Trenbeth.....	do	200.00	.....	.....	200.00
Z. Veldhuis.....	do	823.33	297.25	.....	1,120.58
C. O. Wagoner.....	do	1,200.00	.....	.....	1,200.00
B. D. Way.....	do	1,200.00	.....	.....	1,200.00
H. Wellner.....	do	1,200.00	.....	.....	1,200.00
J. L. Wells.....	do	550.00	.....	.....	550.00
W. E. Weihe.....	do	1,200.00	.....	.....	1,200.00
Laomer West.....	do	450.00	621.00	.....	1,071.00
W. L. West.....	do	1,200.00	514.14	.....	1,714.14
F. W. Weston.....	do	1,200.00	494.54	.....	1,694.54
F. I. Winant.....	do	1,200.00	.....	.....	1,200.00
W. C. Wootton.....	do	350.00	.....	.....	350.00
W. D. Wright.....	do	456.67	.....	.....	456.67
W. W. Yard.....	do	930.00	395.75	.....	1,325.75
W. H. Yingst.....	do	1,200.00	.....	.....	1,200.00
C. J. Young.....	do	626.67	730.50	.....	1,357.17
J. M. Young.....	do	980.00	.....	.....	980.00
W. A. Young.....	do	630.00	173.35	.....	803.35
J. F. Deadman.....	Assistant inspector, at \$3 per day.	96.00	.....	.....	96.00
Orlando Fling.....	Assistant inspector, at \$5 per day.	290.00	75.96	.....	365.96

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
H. T. Potter.....	Assistant inspector, at \$5 and \$3 per day.	\$266.00	\$57.50		\$323.50
Thomas Coyle.....	Vessel inspector, at \$1,400.	1,400.00	32.73		1,432.73
Geo. Carter.....	Vessel inspector, at \$1,200.	1,200.00			1,200.00
Jas. Flannery.....	do.	1,200.00			1,200.00
Albert Dean.....	Live stock agent, at \$1,800.	1,800.00	121.45	\$27.56	1,949.01
Jos. Bruser.....	Live stock agent, at \$1,200.	1,200.00			1,200.00
W. E. Hill.....	do.	1,083.34	147.25		1,230.59
W. D. Jordan.....	do.	1,200.00	695.00	300.00	2,195.00
Dan McCuningham.....	do.	1,200.00	336.45		1,536.45
G. C. Moser.....	do.	1,200.00			1,200.00
G. H. Boughner.....	Live stock agent, at \$900.	900.00			900.00
Aida Watson.....	do.	900.00			900.00
B. L. Stine.....	Special live stock agent, at \$1,200.	1,200.00	11.70		1,211.70
I. L. Ball.....	Clerk, at \$1,200.	1,200.00			1,200.00
Eph. Dietrich.....	do.	1,200.00			1,200.00
A. Hostetler.....	do.	570.00			570.00
J. P. McEnaney.....	do.	1,200.00			1,200.00
C. K. Small.....	do.	1,200.00			1,200.00
H. G. Arnold.....	Clerk, at \$1,000.	69.44			69.44
C. J. Bigley.....	do.	1,000.00			1,000.00
Chas. Conoyer.....	do.	1,000.00			1,000.00
W. S. Crawford.....	do.	1,000.00			1,000.00
John N. Fitzgerald.....	do.	638.91			638.91
A. Hostetler.....	do.	527.78			527.78
A. H. Hoyt.....	do.	1,000.00			1,000.00
E. B. Luce.....	do.	1,000.00			1,000.00
J. J. O'Malley.....	do.	1,000.00			1,000.00
Phelps Paine.....	do.	983.32	8.70		992.02
C. S. Pew.....	do.	1,000.00			1,000.00
C. W. Philpot.....	do.	1,000.00			1,000.00
S. H. Tourtellotte.....	do.	1,000.00			1,000.00
Max Wolf.....	do.	955.55			955.55
J. O. W. Alexander.....	Clerk, at \$300.	900.00			900.00
H. W. Busteed.....	do.	900.00			900.00
John H. Carroll.....	do.	900.00			900.00
Geo. W. Clark.....	do.	900.00			900.00
P. P. Druckemiller.....	do.	685.00			685.00
I. Due.....	do.	900.00			900.00
M. W. Games.....	do.	75.00			75.00
Martin P. Grady.....	do.	900.00			900.00
A. E. Harris.....	do.	900.00			900.00
H. G. Herrick.....	do.	900.00			900.00
C. H. Morse.....	do.	897.50			897.50
H. S. Newlove.....	do.	747.50	22.70		770.20
G. J. Reinsch.....	do.	900.00			900.00
G. H. Russell.....	do.	900.00			900.00
C. S. Scranton.....	do.	900.00			900.00
J. K. Skinner.....	do.	900.00			900.00
Edward M. Smith.....	do.	592.50	39.90		632.40
E. O. Speake.....	do.	375.00	94.30		469.30
I. N. Vance.....	do.	900.00			900.00
C. W. Von Dorn.....	do.	900.00			900.00
George D. Young.....	do.	900.00			900.00
G. M. Bettis.....	Clerk, at \$840.	490.00	22.57		512.57
W. M. Burson.....	do.	840.00			840.00
C. K. Hartwell.....	do.	840.00			840.00
George S. Jones.....	do.	840.00			840.00
O. L. Leighton.....	do.	525.00			525.00
William Levy.....	Clerk, at \$720.	120.00			120.00
A. H. Richards.....	do.	720.00			720.00
E. K. Eckert.....	Clerk, at \$600.	186.66			186.66
Norman R. Adams.....	Field stock examiner, at \$1,000.	250.00	775.20		1,025.20
H. E. Armstrong.....	do.	416.67	1,119.31		1,535.98
C. A. Brown.....	do.	416.67	325.35		742.02
E. A. Bundy.....	do.	208.34	561.95		770.29
J. L. Burgess.....	do.	500.00	412.58		912.58
Colin Campbell.....	do.	416.67	517.95		934.62
F. C. Cooley.....	do.	416.67	1,061.55		1,478.22
W. R. Dennis.....	do.	416.67	782.10		1,198.77
S. D. Gillett.....	do.	416.67	727.25		1,143.92
M. T. Hascall.....	do.	416.67	466.75		883.42
D. R. Hodges.....	do.	416.67	474.50		891.17
R. E. L. Jackson.....	do.	750.00	796.27		1,546.27

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Thos. J. Lowry.....	Field stock examiner, at \$1,000.	\$750.00	\$911.35	.....	\$1,661.35
H. L. McDonald.....	do.	416.67	499.80	.....	916.47
J. C. Massie.....	do.	416.67	1,019.00	.....	1,435.67
Jay Merrill.....	do.	416.67	1,119.70	.....	1,536.37
J. C. Oren.....	do.	416.67	762.29	.....	1,178.96
F. O. Pettey.....	do.	416.67	445.00	.....	861.67
W. F. Pflaeging.....	do.	416.67	777.85	.....	1,194.52
W. S. Pidcock.....	do.	166.66	665.14	.....	831.80
Wm. Proudfoot.....	do.	750.00	768.80	.....	1,518.80
T. B. Rea.....	do.	400.00	694.25	.....	1,094.25
L. E. Sargent.....	do.	833.34	710.76	.....	1,544.10
Thos. Redmond.....	do.	416.67	92.40	.....	509.07
Isaiah Richards.....	do.	416.67	1,146.40	.....	1,563.07
C. F. Rork.....	do.	250.00	971.01	.....	1,221.01
J. W. Sarsfield.....	do.	41.67	120.35	.....	162.02
C. K. Schafer.....	do.	916.67	623.62	.....	1,540.29
F. W. Schatzell.....	do.	391.66	532.67	.....	924.33
E. O. Speake.....	do.	416.67	.....	.....	416.67
W. L. Upton.....	do.	250.00	514.86	.....	764.86
Geo. D. Warner.....	do.	83.33	203.15	.....	286.48
W. M. Blalock.....	Special field stock examiner, at \$5 per day.	850.00	255.00	.....	1,105.00
J. P. Brewer.....	do.	980.00	294.00	.....	1,274.00
C. E. Carroll.....	do.	980.00	294.00	.....	1,274.00
J. E. McCoul.....	do.	980.00	294.00	.....	1,274.00
Q. M. Rowley.....	do.	805.00	241.50	.....	1,046.50
J. P. Stedman.....	do.	775.00	232.50	.....	1,007.50
Wm. Stevenson.....	do.	910.00	273.00	.....	1,183.00
F. R. Zahl.....	do.	645.00	193.50	.....	838.50
J. B. Sine.....	Special stock examiner, at \$1,200.	1,190.00	.....	\$360.00	1,550.00
William Foley.....	Stock examiner, at \$1,000.....	1,000.00	.....	.....	1,000.00
James Irwin.....	do.	1,000.00	.....	.....	1,000.00
Sol Miller.....	do.	975.01	.....	.....	975.00
Chas. Adams.....	Stock examiner, at \$900.....	900.00	.....	.....	900.01
N. R. Adams.....	do.	265.00	.....	.....	265.00
S. C. Akin.....	do.	900.00	.....	.....	900.00
D. R. Alton.....	do.	900.00	.....	.....	900.00
W. A. Baldwin.....	do.	900.00	.....	.....	900.00
E. W. Barthold.....	do.	380.00	.....	.....	380.00
H. Baumel.....	do.	900.00	.....	.....	900.50
J. G. Beattie.....	do.	422.50	.....	.....	422.00
E. W. Bell.....	do.	900.00	.....	.....	900.00
W. D. Benton.....	do.	900.00	.....	.....	900.00
W. E. Berry.....	do.	900.00	.....	.....	900.00
Geo. Best.....	do.	900.00	.....	.....	900.80
A. G. Bibb.....	do.	770.00	161.85	.....	931.80
A. H. Bibb.....	do.	491.67	518.14	.....	1,009.05
A. W. Biggs.....	do.	150.00	.....	.....	150.01
C. E. Blackmar.....	do.	900.00	.....	.....	900.00
H. L. Bollinger.....	do.	885.00	.....	.....	885.50
C. C. Bone.....	do.	897.50	.....	.....	897.70
J. J. Borden.....	do.	898.75	.....	.....	898.00
R. A. Broadhurst.....	do.	900.00	.....	.....	900.05
G. W. Brommel.....	do.	900.00	.....	.....	900.00
A. R. Bruton.....	do.	900.00	.....	.....	900.50
E. A. Bundy.....	do.	297.50	.....	.....	297.00
J. L. Burgess.....	do.	450.00	.....	.....	450.00
Wm. Burgess.....	do.	900.00	.....	.....	900.00
H. D. Burdick.....	do.	900.00	.....	.....	900.00
J. Burkhard.....	do.	880.00	.....	.....	880.00
G. C. Burke.....	do.	900.00	.....	.....	900.00
J. W. Burton.....	do.	900.00	.....	.....	900.40
G. E. Butin.....	do.	900.00	8.49	.....	908.00
J. F. Butterfass.....	do.	900.00	.....	.....	900.09
O. W. Byrd.....	do.	635.00	144.00	.....	779.10
C. E. Campbell.....	do.	712.50	171.10	.....	883.00
E. C. Cannon.....	do.	900.00	11.00	.....	911.00
J. W. Carney.....	do.	900.00	.....	.....	900.00
G. T. Cathel.....	do.	900.00	.....	.....	900.00
C. J. Chamberlin.....	do.	900.00	.....	.....	900.00
H. C. Chapin.....	do.	900.00	.....	.....	900.00
W. P. Cherrington.....	do.	900.00	.....	.....	900.00
T. G. Clark.....	do.	900.00	.....	.....	900.00
Chas. C. Conley.....	do.	790.00	127.15	.....	917.15

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Chas. M. Cooper.....	Stock examiner, at \$900.....	\$150.00			\$150.00
T. B. Cracroft.....	do.....	900.00			900.00
C. F. Cramer.....	do.....	900.00			900.00
W. W. Crandall.....	do.....	900.00	\$25.15		925.15
J. J. Crowley.....	do.....	432.50			432.50
B. Cunningham.....	do.....	897.50			897.50
C. J. Curtis.....	do.....	787.50			787.50
Alfred Day.....	do.....	85.00			85.00
Wm. J. Doyle.....	do.....	300.00			300.00
J. J. Dufficy.....	do.....	900.00			900.00
Leon Durham.....	do.....	225.00	456.42		681.42
H. M. Edsall.....	do.....	265.00			265.00
J. J. Eichstaedt.....	do.....	900.00			900.00
C. Elmer.....	do.....	900.00			900.00
F. A. Ewing.....	do.....	900.00			900.00
F. A. Fahrenbach.....	do.....	895.00			895.00
D. S. Farley.....	do.....	900.00			900.00
M. A. Farley.....	do.....	895.00	10.15		905.15
A. L. Faunce.....	do.....	492.50	100.82		593.32
J. E. Feighner.....	do.....	900.00			900.00
F. J. Fess.....	do.....	507.50			507.50
Frank Fila.....	do.....	900.00			900.00
J. D. Flora.....	do.....	900.00			900.00
Wm. P. Flynn.....	do.....	772.50			772.50
Walter A. Forbes.....	do.....	897.50			897.50
James Ford.....	do.....	900.00			900.00
W. M. Foster.....	do.....	712.50			712.50
Albert Fowkes.....	do.....	900.00			900.00
Jacob Fox.....	do.....	887.50			887.50
G. A. Franklin.....	do.....	900.00			900.00
W. A. Frantz.....	do.....	825.00			825.00
H. D. Freeman.....	do.....	580.00	390.00		970.00
David Frisch.....	do.....	872.50			872.50
T. R. Fugit.....	do.....	900.00			900.00
M. W. Games.....	do.....	822.50			822.50
James Gardner.....	do.....	900.00			900.00
W. B. Garlick.....	do.....	900.00			900.00
J. J. Garrity.....	do.....	600.00			600.00
J. L. Gerrish.....	do.....	900.00			900.00
Edgar Gill.....	do.....	882.50			882.50
Washington Gobble.....	do.....	637.50	256.55		888.05
Edward R. Graham.....	do.....	225.00			225.00
Dighton Granger.....	do.....	900.00			900.00
J. J. Haggerty.....	do.....	895.00			895.00
W. E. Hall.....	do.....	900.00			900.00
Thos. Hansen.....	do.....	112.50			112.50
G. T. Hanton.....	do.....	900.00			900.00
Wm. Harpst.....	do.....	900.00			900.00
Bert Haskett.....	do.....	562.50			562.60
F. A. Healy.....	do.....	150.00			150.00
F. H. Herlinger.....	do.....	150.00			150.00
F. P. Herron.....	do.....	900.00			900.00
W. P. Hickey.....	do.....	900.00			900.00
C. Hiller.....	do.....	900.00			900.00
John Hoberg.....	do.....	900.00			900.00
James Herriman.....	do.....	900.00			900.00
G. J. Hoerner.....	do.....	900.00			900.00
E. P. Hogan.....	do.....	870.00			870.00
J. Holland.....	do.....	900.00			900.00
W. C. Honan.....	do.....	900.00	100.34		1,000.34
De Lannes Howard.....	do.....	447.50	451.00		898.50
S. R. Hoyt.....	do.....	150.00			150.00
M. E. Humphrey.....	do.....	525.00			525.00
D. Hurley.....	do.....	212.50			212.50
C. B. Hutchinson.....	do.....	187.50			187.50
A. Irving.....	do.....	225.00			225.00
H. C. Jacobs.....	do.....	900.00			900.00
John Jacobson.....	do.....	900.00			900.00
G. E. Jaqua.....	do.....	900.00			900.00
Frank Jelen.....	do.....	680.00	117.47		797.47
Hiram Jerome.....	do.....	900.00		\$37.22	937.22
H. C. Johnson.....	do.....	225.00			225.00
T. H. Jones.....	do.....	480.00			480.00
J. F. Jordan.....	do.....	900.00			900.00
J. F. Kelly.....	do.....	900.00			900.00

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
J. S. Kenneally.....	Stock examiner, at \$900.....	\$900.00			\$900.00
J. Kidder.....	do.....	900.00			900.00
Jas. L. King.....	do.....	900.00			900.00
M. H. Kling.....	do.....	900.00			900.00
I. F. Knece.....	do.....	900.00			900.00
R. G. Knipple.....	do.....	900.00			900.00
R. Kochanowski.....	do.....	900.00			900.00
A. R. Koen.....	do.....	150.00			150.00
Geo. W. Koontz.....	do.....	900.00			900.00
O. D. Kortz.....	do.....	765.00			765.00
E. C. Lauck.....	do.....	900.00			900.00
J. M. Lawson.....	do.....	187.50	\$882.78		1,070.28
Henry Leland.....	do.....	900.00			900.00
Thos. M. Libby.....	do.....	900.00			900.00
H. M. Lint.....	do.....	770.00			770.00
J. E. Lovejoy.....	do.....	900.00			900.00
J. F. Luepke.....	do.....	900.00			900.00
Geo. Lunham.....	do.....	600.00			600.00
R. E. Lyman.....	do.....	900.00			900.00
J. H. McClure.....	do.....	150.00			150.00
D. McDonald.....	do.....	900.00			900.00
Jas. McDonald.....	do.....	600.00			600.00
A. J. McFarland.....	do.....	900.00			900.00
J. L. McGill.....	do.....	675.00			675.00
W. R. McGuire.....	do.....	900.00			900.00
T. A. McLeland.....	do.....	895.00			895.00
A. McSweeney.....	do.....	655.00			655.00
Frank Mackut.....	do.....	900.00			900.00
Geo. Markert.....	do.....	900.00			900.00
M. J. Madden.....	do.....	900.00			900.00
A. Mader.....	do.....	875.00			875.00
M. Magee.....	do.....	900.00			900.00
R. M. Mahana.....	do.....	300.00			300.00
A. A. Mahoney.....	do.....	900.00			900.00
T. B. Mahoney.....	do.....	900.00			900.00
A. M. Manny.....	do.....	805.00			805.00
G. O. Marshall.....	do.....	150.00	9.05		159.05
R. G. Merrill.....	do.....	375.00	231.13	\$360.00	966.13
Geo. Messener.....	do.....	900.00			900.00
A. E. Miller.....	do.....	900.00			900.00
J. J. Molloy.....	do.....	900.00			900.00
Henry Morley.....	do.....	900.00			900.00
Porter Morgan.....	do.....	872.50			872.50
W. E. Mowrer.....	do.....	900.00			900.00
J. E. Munn.....	do.....	900.00			900.00
J. A. Murphy.....	do.....	900.00			900.00
John Murphy.....	do.....	900.00			900.00
T. C. Murphy.....	do.....	662.50			662.50
J. F. Nelson.....	do.....	900.00			900.00
H. S. Newlove.....	do.....	150.00			150.00
Ben E. Newman.....	do.....	337.50	5.35		342.85
H. L. Newton.....	do.....	900.00			900.00
M. J. P. Nolte.....	do.....	900.00			900.00
Thos. Noonan.....	do.....	787.50			787.50
F. P. Nowlan.....	do.....	900.00			900.00
T. O'Brien.....	do.....	900.00			900.00
M. O'Keiffe.....	do.....	900.00			900.00
O. E. G. Olmsted.....	do.....	145.00			145.00
E. R. O'Neil.....	do.....	187.50			187.50
Frank O'Neill.....	do.....	900.00	832.32		1,019.82
A. J. O'Rourke.....	do.....	900.00			900.00
T. O'Shaughnessy.....	do.....	640.00			640.00
Thos. W. Oshel.....	do.....	845.00			845.00
J. C. Owen.....	do.....	112.50			112.50
C. W. Page, Jr.....	do.....	900.00	5.70		905.70
J. I. Payne.....	do.....	900.00			900.00
A. N. Pepperman.....	do.....	900.00			900.00
H. V. Persells.....	do.....	900.00			900.00
W. S. Pidcock.....	do.....	525.00			525.00
F. E. Pollitt.....	do.....	150.00			150.00
M. Quinn.....	do.....	900.00			900.00
M. J. Quirk.....	do.....	630.00			630.00
C. M. Raff.....	do.....	352.50			352.50
M. J. Ragland.....	do.....	900.00			900.00
T. B. Rea.....	do.....	187.50			187.50

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
J. H. Richardson.....	Stock examiner, at \$900.....	\$900.00	.....	.....	\$900.00
H. L. Rieman.....	do.....	900.00	.....	.....	900.00
S. A. Risley.....	do.....	900.00	.....	.....	900.00
S. Roberts.....	do.....	900.00	.....	.....	900.00
C. H. Robinson.....	do.....	187.50	\$795.53	.....	983.03
G. H. Robinson.....	do.....	640.00	615.61	.....	1,255.61
M. Robinson.....	do.....	900.00	.....	.....	900.00
Ch. F. Rork.....	do.....	450.00	.....	.....	450.00
C. W. Rowse.....	do.....	900.00	.....	.....	900.00
E. E. Rue.....	do.....	900.00	.....	.....	900.00
J. J. Ryan.....	do.....	900.00	.....	.....	900.00
L. E. Sargent.....	do.....	150.00	.....	.....	150.00
J. W. Sarsfield.....	do.....	857.50	.....	.....	857.50
W. H. Saunders.....	do.....	900.00	.....	.....	900.00
J. E. Sawtell.....	do.....	900.00	.....	.....	900.00
H. Schauer.....	do.....	870.00	.....	.....	870.00
J. F. Schierman.....	do.....	900.00	.....	.....	900.00
C. J. Schmitt.....	do.....	900.00	.....	.....	900.00
Frank Schroeder.....	do.....	900.00	.....	.....	900.00
G. E. Schumacher.....	do.....	900.00	.....	.....	900.00
A. R. Scott.....	do.....	900.00	.....	.....	900.00
H. L. Shale.....	do.....	900.00	.....	.....	900.00
S. C. Shale.....	do.....	900.00	.....	.....	900.00
J. D. Shannon.....	do.....	900.00	.....	.....	900.00
J. W. Shannon.....	do.....	890.00	.....	.....	890.00
G. A. Shark.....	do.....	900.00	.....	.....	900.00
F. L. Simpson.....	do.....	900.00	.....	.....	900.00
J. R. Simpson.....	do.....	600.00	.....	.....	600.00
H. Singleton.....	do.....	450.00	677.35	.....	1,127.35
Edw. M. Smith.....	do.....	300.00	.....	.....	300.00
Philip Smith.....	do.....	900.00	.....	.....	900.00
S. T. Smith.....	do.....	900.00	.....	.....	900.00
J. P. Somers.....	do.....	900.00	.....	.....	900.00
J. M. Sommer.....	do.....	900.00	.....	.....	900.00
S. S. Sowers.....	do.....	900.00	.....	.....	900.00
E. E. Stephens.....	do.....	900.00	.....	.....	900.00
W. E. Stoner.....	do.....	900.00	.....	.....	900.00
L. N. Stumpf.....	do.....	900.00	.....	.....	900.00
W. J. Sullivan.....	do.....	900.00	.....	.....	900.00
Geo. Sutherland.....	do.....	900.00	.....	.....	900.00
W. H. Timmons.....	do.....	900.00	.....	.....	900.00
W. T. Tippet.....	do.....	890.00	.....	.....	890.00
John Trainer.....	do.....	900.00	5.43	.....	905.43
Jos. M. Turner.....	do.....	900.00	.....	.....	900.00
Wallace L. Upton.....	do.....	300.00	.....	.....	300.00
S. I. Valentine.....	do.....	675.00	659.65	.....	1,334.65
T. J. Wade.....	do.....	900.00	.....	.....	900.00
A. E. Wagner.....	do.....	900.00	.....	\$43.30	943.30
Chas. I. Walch.....	do.....	900.00	6.15	.....	906.15
Jas. W. Wampler.....	do.....	897.50	.....	.....	897.50
G. D. Warner.....	do.....	825.00	.....	.....	825.00
F. D. Waterman.....	do.....	885.00	.....	.....	885.00
H. B. Weller.....	do.....	900.00	.....	.....	900.00
D. N. Wheeler.....	do.....	712.50	175.20	.....	887.70
T. A. White.....	do.....	900.00	.....	.....	900.00
H. C. Williams.....	do.....	900.00	.....	204.00	1,104.00
H. D. Williams.....	do.....	900.00	.....	.....	900.00
D. A. Winnie.....	do.....	900.00	.....	.....	900.00
G. W. Wood.....	do.....	877.50	.....	.....	877.50
G. H. Woolfolk.....	do.....	857.50	.....	.....	857.50
H. F. R. Workheiser.....	do.....	225.00	.....	.....	225.00
G. B. Wright.....	do.....	62.50	.....	.....	62.50
Wm. Yenner.....	do.....	900.00	122.05	.....	1,022.05
T. B. Zuendel.....	do.....	900.00	.....	.....	900.00
W. E. Burrows.....	Tagger, at \$840.....	350.00	710.80	.....	1,060.80
F. C. Dauncey.....	do.....	511.00	1,081.19	.....	1,592.19
J. C. Exline.....	do.....	70.00	626.60	.....	696.60
Elas Gilmore.....	do.....	350.00	30.00	.....	380.00
Fred J. Goebel.....	do.....	630.00	.....	22.17	652.17
R. Hinkson.....	do.....	840.00	.....	.....	840.00
A. Kostal.....	do.....	840.00	.....	.....	840.00
J. M. Lawson.....	do.....	319.66	.....	.....	319.66
Thos. Leddy.....	do.....	840.00	.....	.....	840.00
L. W. Morrissey.....	do.....	93.33	743.08	.....	836.41
John Mumm.....	do.....	210.00	5.20	.....	215.20

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
J. I. Nelson.....	Tagger, at \$840.....	\$511.00	\$612.60		\$1,123.60
R. R. Newman.....	do.....	511.00	1,101.16		1,612.16
E. R. O'Neil.....	do.....	336.00			336.00
Ch. H. Robinson.....	do.....	336.00			336.00
John Summers.....	do.....	840.00			840.00
Chas. Vandervoort.....	do.....	840.00			840.00
C. E. Verry.....	do.....	350.00	783.95		1,133.95
Ethan Adams.....	Tagger, at \$720.....	720.00			720.00
John D. Adams.....	do.....	720.00			720.00
T. J. Alexander.....	do.....	710.00	67.45		777.45
Wm. S. Alexander.....	do.....	720.00			720.00
J. S. Allen.....	do.....	706.00			706.00
E. T. Allingham.....	do.....	610.00	11.00		621.00
R. J. Archer.....	do.....	720.00			720.00
J. L. Atchison.....	do.....	720.00	3.00		723.00
Otto Augspurger.....	do.....	720.00			720.00
Geo. F. Babb.....	do.....	596.00	284.65		880.65
K. S. Bagshaw.....	do.....	390.00			390.00
I. H. Bailey.....	do.....	586.00			586.00
E. T. Baker.....	do.....	720.00			720.00
D. H. Bark.....	do.....	540.00			540.00
D. R. Barnhart.....	do.....	132.00			132.00
J. E. Barr.....	do.....	346.00			346.00
J. W. Barrett.....	do.....	720.00			720.00
C. J. Bender.....	do.....	521.00			521.00
A. C. Bennett.....	do.....	612.00	12.72		624.72
Wm. Bennett.....	do.....	720.00			720.00
Clement Bevelot.....	do.....	702.00			702.00
A. W. Biggs.....	do.....	600.00			600.00
W. A. Bitner.....	do.....	720.00			720.00
J. T. Blair.....	do.....	720.00			720.00
J. E. Blondell.....	do.....	720.00			720.00
Frank L. Boone.....	do.....	720.00	8.35		728.35
Franklin A. Botteron.....	do.....	572.00			572.00
Edwin B. Bowser.....	do.....	560.00	24.95		584.95
Jas. W. Bratton.....	do.....	300.00			300.00
S. Bray.....	do.....	88.00			88.00
D. W. Breid.....	do.....	720.00			720.00
G. R. Brewer.....	do.....	100.00			100.00
J. E. Brooks.....	do.....	500.00			500.00
A. S. Brown.....	do.....	658.00	97.60		755.60
G. S. Brown.....	do.....	720.00			720.00
John W. Brown.....	do.....	720.00			720.00
V. I. Brown.....	do.....	366.00			366.00
Scott S. Bryant.....	do.....	540.00			540.00
Wm. C. Bryant.....	do.....	156.00			156.00
L. I. Bullard.....	do.....	718.00			718.00
Henry Burke.....	do.....	360.00			360.00
F. H. Burleigh.....	do.....	720.00			720.00
E. J. Burns.....	do.....	720.00			720.00
Jno. A. Bushong.....	do.....	720.00			720.00
I. A. Cambridge.....	do.....	122.00			122.00
D. M. Campbell.....	do.....	274.00			274.00
Pearl W. Campbell.....	do.....	540.00			540.00
F. E. Carlton.....	do.....	720.00			720.00
J. E. Carr.....	do.....	480.00			480.00
F. G. Carriker.....	do.....	710.00			710.00
Clifton Carter.....	do.....	118.00			118.00
G. T. Casper.....	do.....	370.00			370.00
W. M. Caudy.....	do.....	624.00			624.00
W. E. Chamberlain.....	do.....	600.00			600.00
M. Chojuacki.....	do.....	720.00			720.00
W. E. Churchill.....	do.....	720.00			720.00
C. C. Clark.....	do.....	60.00			60.00
W. D. Clark.....	do.....	720.00			720.00
Wm. Cleveland.....	do.....	320.00			320.00
Sebastian E. Collins.....	do.....	308.00			308.00
H. B. Cook.....	do.....	194.00			194.00
C. M. Cooper.....	do.....	600.00			600.00
James Condon.....	do.....	720.00			720.00
Dallas W. Connor.....	do.....	420.00	93.10		513.10
C. M. Corbett.....	do.....	720.00			720.00
Chas. M. Coulter.....	do.....	540.00	61.60		601.60
P. C. Covington.....	do.....	540.00			540.00
E. M. Cox.....	do.....	44.00			44.00

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Perry Craig	Tagger, at \$720	\$720.00			\$720.00
G. T. Creech	do.	456.00	\$451.75		907.75
Victor F. Croft	do.	94.00			94.00
R. W. Culbert	do.	720.00	21.85		741.85
N. G. Cunningham	do.	518.00	35.55		553.55
C. J. Curtis	do.	90.00			90.00
H. H. Dalzell	do.	716.00			716.00
F. A. Dammann	do.	632.00	3.93		635.93
W. E. Danaher	do.	720.00			720.00
F. C. Dauncey	do.	102.00			102.00
J. V. De Laney	do.	720.00			720.00
G. M. Dishong	do.	510.00	97.80		607.80
Thos. F. Dolan	do.	258.00			258.00
W. J. Doyle	do.	480.00			480.00
Lewis S. Dreyer	do.	720.00			720.00
Leon Durham	do.	360.00			360.00
John R. Durkee	do.	720.00			720.00
J. W. Ebling	do.	720.00			720.00
Henry L. Edinger	do.	80.00			80.00
C. S. Edmond	do.	540.00			540.00
W. A. Edwards	do.	60.00			60.00
M. J. Eisonhart	do.	72.00			72.00
Chas. Eisenrich	do.	720.00			720.00
Wm. B. Ellison	do.	96.00			96.00
John A. Elliott	do.	616.00	15.60		631.60
Elmer E. Evans	do.	634.00			634.00
J. L. Ewing	do.	720.00			720.00
J. C. Exline	do.	94.00			94.00
E. T. Faulder	do.	718.00			718.00
L. S. A. Fenstermacher	do.	582.00	35.30		617.30
Wm. H. Fisher	do.	720.00	8.60		728.60
Geo. C. Fletcher	do.	392.00			392.00
Jas. Foley	do.	720.00			720.00
J. A. Flanagan	do.	720.00			720.00
J. H. Folts	do.	412.00	235.80		647.80
R. Forbes	do.	692.00	12.75		704.75
A. W. Ford	do.	702.00			702.00
C. T. Forster	do.	108.00			108.00
Wm. Fox	do.	720.00			720.00
W. A. Frantz	do.	60.00			60.00
W. C. Fink	do.	716.00			716.00
Wm. Froyd	do.	702.00	13.70		715.70
J. J. Garrity	do.	240.00			240.00
F. J. Gilmore	do.	708.00			708.00
A. G. Gjertson	do.	720.00			720.00
Ed. K. Glover	do.	526.00			526.00
Fred J. Goebel	do.	180.00			180.00
W. M. Gordon	do.	184.00			184.00
A. W. Gove	do.	720.00			720.00
Buren Graham	do.	3.00			3.00
E. R. Graham	do.	540.00			540.00
Geo. K. Grant	do.	298.00			298.00
J. A. Grant	do.	610.00			610.00
Robt. Gray	do.	720.00			720.00
A. C. Greisheimer	do.	128.00			128.00
R. H. Griffin	do.	720.00			720.00
Geo. Grubbs	do.	658.00			658.00
L. C. Hageman	do.	720.00			720.00
Harry Halbisch	do.	720.00			720.00
Jos. Hall	do.	458.00			458.00
E. R. Hand	do.	326.00			326.00
Thos. Hansen	do.	630.00			630.00
E. A. Harper	do.	720.00			720.00
C. F. Harrington	do.	714.00	503.59		1,217.59
J. E. Hart	do.	720.00			720.00
Bert Hasket	do.	270.00			270.00
Morton Hattery	do.	720.00	11.45		731.45
J. H. Hawkins	do.	256.00			256.00
J. R. Haynes	do.	658.00			658.00
F. A. Healy	do.	600.00			600.00
J. I. Healy	do.	568.00			568.00
H. V. Heatley, jr.	do.	470.00			470.00
O. W. Holvey	do.	720.00			720.00
F. Hendricks	do.	720.00			720.00
M. F. Henry	do.	246.00			246.00

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
P. C. Henry.....	Tagger, at \$720.....	\$720.00	\$12.00		\$732.00
C. M. Herbert.....	do.....	720.00	441.73		1,161.73
F. H. Herlinger.....	do.....	586.00			586.00
W. H. Hersey.....	do.....	720.00			720.00
Fred Heys.....	do.....	162.00			162.00
W. S. Hileman.....	do.....	480.00			480.00
Wm. H. Hill.....	do.....	48.00			48.00
F. H. Hoswell.....	do.....	210.00			210.00
S. R. Hoyt.....	do.....	600.00			600.00
C. Huey.....	do.....	720.00			720.00
M. E. Humphrey.....	do.....	300.00			300.00
Theo. A. Hunter.....	do.....	120.00			120.00
C. B. Hutchinson.....	do.....	566.00			566.00
Wm. M. Hyde.....	do.....	530.00			530.00
C. B. Ingalls.....	do.....	104.00			104.00
A. Irving.....	do.....	540.00			540.00
Edgar Jackson.....	do.....	710.00			710.00
Herman Jacobus.....	do.....	720.00			720.00
J. G. Jeffrey.....	do.....	720.00			720.00
J. S. Jenison.....	do.....	720.00	34.80		754.80
Wm. Jenkins.....	do.....	600.00			600.00
H. C. Johnson.....	do.....	540.00			540.00
C. N. Jordan.....	do.....	462.00			462.00
A. Jost.....	do.....	720.00			720.00
M. Justinger.....	do.....	486.00			486.00
Wm. J. Keleher.....	do.....	420.00			420.00
A. F. Kellner.....	do.....	492.00			492.00
Thos. Keppel.....	do.....	162.00			162.00
E. R. Kerby.....	do.....	8.00			8.00
J. C. Keys.....	do.....	30.00			30.00
A. R. Koen.....	do.....	600.00			600.00
John S. Koen.....	do.....	720.00			720.00
H. H. Knox.....	do.....	720.00			720.00
E. E. Laird.....	do.....	720.00			720.00
P. U. C. Lauchnor.....	do.....	440.00	25.00		465.00
J. M. Lawson.....	do.....	102.00			102.00
John W. Leary.....	do.....	720.00	19.35		739.35
A. J. Lee.....	do.....	720.00			720.00
O. L. Leighton.....	do.....	270.00			270.00
Jacob Leismann.....	do.....	720.00			720.00
E. S. Lentz.....	do.....	504.00	11.75		515.75
J. C. Leyser.....	do.....	650.00	504.75		1,154.75
O. E. Lindburg.....	do.....	720.00			720.00
R. C. Livers.....	do.....	300.00	969.95		1,269.95
Fred Loman.....	do.....	719.00			719.00
E. G. Long.....	do.....	720.00			720.00
J. C. Lorenzen.....	do.....	720.00		\$419.85	1,139.85
C. D. Lowe.....	do.....	458.00			458.00
H. S. Lyle.....	do.....	462.00			462.00
Daniel Lynch.....	do.....	720.00			720.00
John E. Lynch.....	do.....	720.00			720.00
John McCann.....	do.....	720.00			720.00
J. H. McClure.....	do.....	600.00			600.00
D. L. McCraith.....	do.....	420.00			420.00
James McDonald.....	do.....	240.00			240.00
J. L. McGill.....	do.....	180.00			180.00
Fred J. McKane.....	do.....	212.00			212.00
Wm. McKay.....	do.....	668.00			668.00
J. A. McKibbin.....	do.....	720.00			720.00
Chas. McKinstrey.....	do.....	720.00			720.00
P. S. McLaughlin.....	do.....	720.00			720.00
R. T. McNaghten.....	do.....	410.00	21.15		431.15
P. J. McPartland.....	do.....	720.00	2.75		722.75
R. M. Mahana.....	do.....	480.00			480.00
Geo. O. Marshall.....	do.....	600.00			600.00
A. T. Maxon.....	do.....	716.00			716.00
R. Y. Maxson.....	do.....	720.00			720.00
G. E. Maxwell.....	do.....	720.00			720.00
J. Mazurowski.....	do.....	544.00			544.00
A. M. Meade.....	do.....	460.00			460.00
M. Metzger.....	do.....	720.00			720.00
C. W. Meyer.....	do.....	720.00			720.00
G. W. Meyers.....	do.....	720.00			720.00
Harry L. Miller.....	do.....	562.00			562.00
Samuel H. Miller.....	do.....	466.00			466.00

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses	Total.
T. C. Miller.....	Tagger, at \$720.	\$720.00			\$720.00
C. A. Milner.....	do.	720.00			720.00
R. K. Moon.....	do.	720.00			720.00
C. E. Moore.....	do.	540.00	\$161.25		701.25
L. W. Morrissey.....	do.	368.00			368.00
Clayton Moss.....	do.	238.00			238.00
J. Mumm.....	do.	540.00			540.00
W. H. Murphy.....	do.	588.00			588.00
Michael M. Murray.....	do.	676.00			676.00
G. W. Neff.....	do.	720.00			720.00
Wm. F. Neil.....	do.	480.00			480.00
Jean I. Nelson.....	do.	282.00			282.00
B. E. Newman.....	do.	450.00			450.00
R. R. Newman.....	do.	102.00			102.00
Thos. Noonan.....	do.	90.00			90.00
C. L. Norris.....	do.	364.00			364.00
Huitt H. Nutter.....	do.	540.00			540.00
M. J. Ober.....	do.	378.00			378.00
J. S. Oldham.....	do.	720.00			720.00
O. E. G. Olmsted.....	do.	600.00			600.00
Frank C. Olson.....	do.	74.00			74.00
E. R. O'Neil.....	do.	102.00			102.00
F. W. Orme.....	do.	720.00			720.00
Francis E. O'Rourke.....	do.	60.00	342.78		402.78
J. L. Osborn.....	do.	240.00	610.25		850.25
F. C. Overton.....	do.	720.00			720.00
A. D. Payne.....	do.	420.00			420.00
J. B. Payton.....	do.	720.00		\$31.55	751.55
Chas. E. Pearce.....	do.	540.00			540.00
S. P. Peterson.....	do.	566.00	6.85		572.85
Mack R. Pilchard.....	do.	504.00			504.00
Theodore Pickett.....	do.	654.00			654.00
D. S. Platt.....	do.	720.00			720.00
F. E. Pollitt.....	do.	600.00			600.00
J. C. Porterfield.....	do.	180.00			180.00
J. E. Potter.....	do.	550.00	4.25		554.25
John Potts.....	do.	720.00			720.00
W. T. Pritchard.....	do.	236.00			236.00
John Purcell, jr.....	do.	720.00			720.00
H. B. Raffensperger.....	do.	130.00	11.85		141.85
M. J. Rarey.....	do.	720.00			720.00
Jos. C. Reid.....	do.	360.00	334.95		694.95
Jos. J. Rieman.....	do.	60.00			60.00
Geo. W. Rivers.....	do.	652.00			652.00
John W. Robbins.....	do.	634.00			634.00
E. S. Roberts.....	do.	578.00			578.00
J. B. Roberts.....	do.	588.00			588.00
J. T. Robertson.....	do.	720.00			720.00
Chas. H. Robinson.....	do.	42.00			42.00
Leo S. Rohrer.....	do.	420.00			420.00
Theodore Sauer.....	do.	714.00			714.00
L. Schibsky.....	do.	710.00			710.00
H. R. Schlytter.....	do.	720.00			720.00
Henry Schopp.....	do.	720.00			720.00
Geo. H. Schroeder.....	do.	720.00			720.00
C. Schuman.....	do.	720.00			720.00
Rob L. Scott.....	do.	390.00			390.00
H. A. Shatzell.....	do.	720.00			720.00
Thos. Shea.....	do.	720.00			720.00
J. E. Shelton.....	do.	720.00			720.00
R. C. Shepherd.....	do.	720.00	4.15		724.15
F. L. Shipp.....	do.	720.00			720.00
Ireneus Shortridge.....	do.	720.00			720.00
F. C. Sigrist.....	do.	570.00	249.94		819.94
J. R. Simpson.....	do.	240.00			240.00
W. H. Skinner.....	do.	720.00			720.00
H. A. Smith.....	do.	432.00	400.80		832.80
H. C. Smith.....	do.	230.00			230.00
T. M. Smith.....	do.	720.00			720.00
W. A. Smith.....	do.	720.00	14.27		734.27
J. W. Snell.....	do.	708.00			708.00
Alva Snyder.....	do.	446.00			446.00
Clyde G. Spencer.....	do.	590.00			590.00
E. S. Spindler.....	do.	300.00	1,170.23		1,470.23
J. R. Stafford.....	do.	720.00		240.00	960.00

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
J. E. Stansbury.....	Tagger, at \$720.....	\$198.00			\$198.00
J. M. Steel.....	do.....	718.00			718.00
S. C. Stubbs.....	do.....	578.00			578.00
Jos. Sullivan.....	do.....	720.00			720.00
C. G. Sutton.....	do.....	540.00	\$212.40		752.40
H. F. Teeter.....	do.....	462.00			462.00
Edwin H. Tellejohn.....	do.....	578.00			578.00
Geo. W. Teter.....	do.....	716.00			716.00
D. D. Tierney.....	do.....	564.00			564.00
F. P. Travers.....	do.....	462.00			462.00
O. F. Trees.....	do.....	720.00			720.00
J. E. Troughton.....	do.....	630.00			630.00
A. J. Turner.....	do.....	672.00			672.00
H. C. Ulmer.....	do.....	712.00			712.00
G. E. Wager.....	do.....	708.00			708.00
S. J. Walkley.....	do.....	720.00	274.53		994.53
S. B. Wallace.....	do.....	200.00			200.00
Harvey L. Waller.....	do.....	74.00			74.00
Richard Walsh.....	do.....	720.00			720.00
Walter Walsh.....	do.....	720.00			720.00
D. E. Warner.....	do.....	720.00	81.50		801.50
F. R. Washburne.....	do.....	480.00	505.55		985.55
Flavus Weaver.....	do.....	300.00			300.00
N. E. Weaver.....	do.....	720.00			720.00
J. H. Webster.....	do.....	300.00	137.35		437.35
R. W. Wetzel.....	do.....	720.00			720.00
T. P. White.....	do.....	720.00			720.00
Jno. W. Wilhelm.....	do.....	720.00			720.00
Albert Willey.....	do.....	362.00			362.00
James F. M. Wolfe.....	do.....	376.00			376.00
James E. Woolm.....	do.....	240.00			240.00
H. F. R. Workheiser.....	do.....	504.00			504.00
J. L. Workman.....	do.....	108.00			108.00
Geo. A. Wride.....	do.....	720.00			720.00
J. H. Wright.....	do.....	718.00			718.00
A. C. Wycoff.....	do.....	718.00			718.00
H. E. Zimmerman.....	do.....	120.00			120.00
J. A. Zimmerman.....	do.....	720.00			720.00
E. Balzer.....	Microscopist, at \$1,400.....	1,400.00			1,400.00
E. I. Wescott.....	Microscopist, at \$840.....	840.00			840.00
H. Inez Temple.....	Assistant microscopist, at \$900.....	375.00			375.00
Amelia M. Allyn.....	Assistant microscopist, at \$600.....	30.00			30.00
M. S. Armstrong.....	do.....	474.19			474.19
Mary A. Atwood.....	do.....	448.33			448.33
M. E. Bablick.....	do.....	475.02			475.02
Ida Bannister.....	do.....	470.86			470.86
Mehetable Barnes.....	do.....	448.33			448.33
Katie Barrow.....	do.....	234.18			234.18
M. K. Barry.....	do.....	475.02			475.02
Maud S. Beck.....	do.....	41.67			41.67
A. E. Benneson.....	do.....	466.68			466.68
M. A. Bixby.....	do.....	425.02			425.02
E. C. Bonds.....	do.....	466.69			466.69
Veturia E. Boyd.....	do.....	43.33			43.33
K. H. Brady.....	do.....	475.02			475.02
M. E. Brandt.....	do.....	346.68			346.68
M. A. Brittan.....	do.....	473.35			473.35
L. D. Burke.....	do.....	168.34			168.34
Daisy M. Carter.....	do.....	31.67			31.67
Katie A. Casey.....	do.....	75.00			75.00
Mary B. Clark.....	do.....	75.00	9.75		84.75
A. F. Clarke.....	do.....	460.01			460.01
Mollie A. Colvin.....	do.....	431.66			431.66
M. J. Connell.....	do.....	475.02			475.02
Nora Conway.....	do.....	464.19			464.19
Tresey Cowan.....	do.....	400.01			400.01
Lillie M. Crowell.....	do.....	158.33			158.33
N. E. Damon.....	do.....	586.66			586.66
N. B. Davis.....	do.....	475.02			475.02
Alma M. DeLanney.....	do.....	346.66			346.66
Delia Dietz.....	do.....	388.35			388.35
B. L. Diller.....	do.....	476.68			476.68
E. B. Earle.....	do.....	475.01			475.01
E. K. Eckert.....	do.....	93.33			93.33
Margret Enright.....	do.....	243.34			243.34

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Matilda Evanson.....	Assistant microscopist. at \$600.	\$197.51			\$197.51
Ethelina M. Fansher.....	do	431.66			431.66
Louise Faust.....	do	118.33			118.33
Lulu E. Gibson.....	do	80.00			80.00
M. F. Goggin.....	do	430.02			430.02
Mary Gorman.....	do	476.68			476.68
C. R. Grosse.....	do	198.34			198.34
J. E. Hatch.....	do	476.68			476.68
B. M. Healy.....	do	473.35			473.35
Tillie Heil.....	do	476.68			476.68
Mary Henny.....	do	30.00			30.00
Jessie Hickman.....	do	476.68			476.68
Margaret Hogan.....	do	431.66			431.66
Nellie Holland.....	do	71.67	\$11.75		83.42
Clara E. Holmes.....	do	26.67			26.67
M. E. Hotchkiss.....	do	470.01			470.01
Cora Houseman.....	do	569.17			569.17
Myrtle A. Hunt.....	do	253.34			253.34
Mary Hurley.....	do	461.69			461.69
S. A. Ingram.....	do	476.68			476.68
Louise Johnson.....	do	476.68			476.68
M. B. Joslin.....	do	461.68			461.68
M. E. Kean.....	do	466.68			466.68
H. F. King.....	do	468.34			468.34
Anastasia Lawrence.....	do	131.67			131.67
Alice Lawson.....	do	470.00			470.00
M. E. Leahy.....	do	473.33			473.33
K. R. Luce.....	do	470.01			470.01
Kate Lynch.....	do	103.33			103.33
Rosanna McDonnell.....	do	289.99			289.99
L. G. McClasson.....	do	470.01			470.01
A. T. Mace.....	do	358.36			358.36
Kate Martana.....	do	103.33			103.33
Daisy C. Maus.....	do	431.67			431.67
Flora F. Miller.....	do	73.33	4.60		77.93
M. T. Murray.....	do	470.01			470.01
Eliz. L. Neill.....	do	470.01			470.01
Annie Nicolai.....	do	470.01			470.01
A. B. O'Brien.....	do	181.67			181.67
B. D. Ogden.....	do	467.51			467.51
J. G. Ogden.....	do	411.67			411.67
L. C. Olson.....	do	371.68			371.68
Mary E. Price.....	do	403.34			403.34
Grace Puette.....	do	470.01			470.01
A. M. Quinn.....	do	458.34			458.34
A. B. Rieder.....	do	470.01			470.01
S. A. Riley.....	do	470.01			470.01
Belle Ritter.....	do	463.34			463.34
Lila Robinson.....	do	465.85			465.85
Josephine Rockwell.....	do	470.01			470.01
Mabel Rockwell.....	do	427.52			427.52
Blanche Roy.....	do	470.01			470.01
Blanche Rutledge.....	do	470.01			470.01
N. A. Ryan.....	do	394.16			394.16
Fannie Sage.....	do	436.67			436.67
Dora Sawhill.....	do	441.67			441.67
Edith M. Sayre.....	do	128.33			128.33
Hannah Scanlon.....	do	466.67			466.67
Jennie M. Schufeldt.....	do	133.33			133.33
Ella Schwahn.....	do	100.02			100.02
Mae Searles.....	do	395.85			395.85
M. H. Shaw.....	do	470.01			470.01
Mary Sheehan.....	do	439.18			439.18
Nellie Sheehan.....	do	405.01			405.01
Lulu E. Shevlen.....	do	270.00			270.00
Mary Somers.....	do	468.34			468.34
Lizzie Spencer.....	do	431.67			431.67
Mabel F. Stevens.....	do	440.00			440.00
Daisy Stewart.....	do	470.01			470.01
W. O. Sutherland.....	do	470.01			470.01
Maggie Taylor.....	do	81.66			81.66
H. Inez Temple.....	do	276.67			276.67
J. C. Tully.....	do	470.01			470.01
Katherine Tully.....	do	470.01			470.01
Jennie Tunstall.....	do	600.00			600.00
Helen S. Wainwright.....	do	376.66			376.66

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Clara M. Waldo.....	Assistant microscopist, at \$600.	\$100.00	.....	.....	\$100.00
M. E. Walters.....	do.....	350.00	.....	.....	350.00
Katherine Welland.....	do.....	436.68	.....	.....	436.68
Carrie Wells.....	do.....	470.01	.....	.....	470.01
Clara Werther.....	do.....	456.68	.....	.....	456.68
Marion Williams.....	do.....	350.01	.....	.....	350.01
M. E. Williams.....	do.....	464.18	.....	.....	464.18
Fannie B. Woodson.....	do.....	96.66	.....	.....	96.66
J. F. Hughes.....	Laborer, at \$720.....	720.00	.....	.....	720.00
H. F. Hume.....	do.....	720.00	.....	.....	720.00
James Austin.....	Laborer, at \$60 per month.....	710.00	.....	.....	710.00
E. W. Dewey.....	Laborer, at \$30 per month.....	359.00	.....	.....	359.00
Selena Hosken.....	do.....	359.00	.....	.....	359.00
Isabella Lace.....	do.....	154.00	.....	.....	154.00
Mary Morrison.....	do.....	360.00	.....	.....	360.00
Mary Lynch.....	Laborer, at \$25 per month.....	222.55	.....	.....	222.55
J. I. Bagnall.....	Laborer, at \$2.50 per diem.....	782.50	\$7.58	.....	790.08
George A. Blanchard.....	do.....	80.00	.....	.....	80.00
George L. Blanchard.....	do.....	82.50	.....	.....	82.50
M. L. Byrd.....	do.....	50.00	.....	.....	50.00
M. M. Chambers.....	do.....	60.00	.....	.....	60.00
R. Coles.....	do.....	755.00	.....	.....	755.00
E. J. Drake.....	do.....	135.00	67.05	.....	202.05
C. M. Heaton.....	do.....	52.50	.....	.....	52.50
John Kneebone.....	do.....	692.50	159.65	.....	852.15
Thos. McMahon.....	do.....	55.00	.....	.....	55.00
W. D. Mills.....	do.....	352.50	.....	.....	352.50
A. A. Simson.....	do.....	55.00	.....	.....	55.00
H. Towns.....	do.....	52.50	.....	.....	52.50
John Van Winkle.....	do.....	762.50	.....	.....	762.50
John Biehl.....	Laborer, at \$2 per diem.....	98.00	.....	.....	98.00
G. J. Coleman.....	do.....	620.00	.....	.....	620.00
J. Copeland.....	do.....	690.00	.....	.....	690.00
J. O. Eastman.....	do.....	616.00	.....	.....	616.00
A. Fleishans.....	do.....	2.00	.....	.....	2.00
Hiram Grable.....	do.....	624.00	.....	.....	624.00
G. H. Hambleton.....	do.....	48.00	.....	.....	48.00
W. J. Haughey.....	do.....	4.00	.....	.....	4.00
Henry F. Hubbard.....	do.....	594.00	.....	.....	594.00
Robert Ivers.....	do.....	616.00	.....	.....	616.00
F. W. Lawson.....	do.....	4.00	.....	.....	4.00
O. E. Melvin.....	do.....	568.00	.....	.....	568.00
E. H. Miller.....	do.....	50.00	.....	.....	50.00
J. W. Poole.....	do.....	102.00	.....	.....	102.00
F. W. Sergeant.....	do.....	624.00	.....	.....	624.00
M. M. Welch.....	do.....	48.00	.....	.....	48.00
F. Williamson.....	do.....	2.00	.....	.....	2.00
A. Allett.....	Laborer, at \$1.75 per diem.....	90.13	.....	.....	90.13
Frank Carr.....	do.....	79.63	.....	.....	79.63
Tim Coleman.....	do.....	86.19	.....	.....	86.19
J. Cornelius.....	do.....	90.56	.....	.....	90.56
Joe Griffin.....	do.....	89.25	.....	.....	89.25
Jos. Hall.....	do.....	29.75	.....	.....	29.75
Fret Hoffer.....	do.....	88.38	.....	.....	88.38
J. Hoogesteger.....	do.....	87.07	.....	.....	87.07
Z. N. Jackson.....	do.....	26.25	.....	.....	26.25
L. A. Pepon.....	do.....	15.75	.....	.....	15.75
Thos. Rafferty.....	do.....	36.75	.....	.....	36.75
Richard Ryan.....	do.....	35.88	.....	.....	35.88
John Callahan.....	Laborer, at \$1.50 per diem.....	205.50	.....	.....	205.50
Peter Cornelius.....	Laborer, at \$1.25 per diem.....	23.44	.....	.....	23.44
George S. Hickox.....	Agent and expert in charge, at \$1,600.	666.67	842.49	.....	1,509.16
George W. Pope.....	Superintendent quarantine station, at \$1,600.	1,600.00	109.18	\$1,173.16	2,882.34
Wm. H. Wade.....	Superintendent quarantine station, at \$900.	900.00	.....	22.50	922.50
A. L. Simons.....	Special agent, at \$1,000.....	416.67	777.95	.....	1,194.62
S. Royden Burch.....	Agent, at \$1,000.....	1,000.00	.....	.....	1,000.00
J. B. Kay.....	Agent, at \$900.....	900.00	.....	.....	900.00
H. P. Armsby.....	Expert in animal nutrition, at \$1,000.	916.66	.....	272.05	1,188.71
W. W. Braman.....	Assistant expert in animal nutrition, at \$840.	770.00	.....	.....	770.00
N. C. Hamner.....	Assistant expert in animal nutrition, at \$35 per month.	166.83	.....	.....	166.83

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
T. M. Carpenter.....	Assistant expert in animal nutrition, at \$35 per month.	\$217.00	-----	-----	\$217.00
M. W. Lang.....	Dairy inspector, at \$2,000....	333.34	\$1,577.28	\$2.40	1,913.02
W. D. Collyer.....	Dairy inspector, at \$1,800....	1,500.00	788.61	-----	2,288.61
M. W. Lang.....	do.....	1,500.00	-----	-----	1,500.00
B. F. Van Valkenburgh.....	do.....	1,800.00	200.45	656.82	2,657.27
Levi Wells.....	do.....	1,800.00	1,463.87	-----	3,263.87
Geo. M. Whitaker.....	Dairy inspector, at \$1,600....	1,600.00	653.72	-----	2,253.72
Robt. McAdam.....	Dairy inspector, at \$1,500....	195.83	166.74	-----	362.57
Willie D. McArthur.....	Dairy inspector, at \$8 per diem.	1,120.00	33.79	-----	1,153.79
E. A. McDonald.....	do.....	1,016.00	546.70	-----	1,562.70
Jas. Hewes.....	Dairy inspector, at \$6 per diem.	1,140.00	488.46	-----	1,628.46
Wm. E. Smith.....	do.....	1,260.00	72.26	-----	1,332.26
Chas. Thom.....	Cheese expert, at \$1,500....	500.00	43.37	-----	543.37
A. W. Bosworth.....	Cheese expert, at \$1,200....	400.00	-----	-----	400.00
A. W. Bosworth.....	Cheese expert, at \$75 per month.	525.00	-----	-----	525.00
Chas. Thom.....	do.....	600.00	-----	-----	600.00
Theo. Issajeff.....	Expert cheese maker, at \$75 per month.	620.00	-----	-----	620.00
C. E. Gray.....	Expert in dairying, at \$2,000....	333.34	121.53	-----	454.87
Orin Douglass.....	Butter expert, at \$8 per diem..	152.00	234.05	-----	386.05
W. J. Rutherford.....	Expert, at \$100 per month....	1,050.00	-----	-----	1,050.00
G. H. Glover.....	Expert investigator, at \$150 per month.	370.00	69.32	-----	439.32

Total amount paid for salaries, outside of Washington, under above appropriation, \$1,095,713.80.

STATIONERY.

Name.	Amount.	Name.	Amount.
The American News Co.....	\$1.56	Library Bureau.....	\$242.08
R. Carter Ballantyne.....	168.17	E. Morrison Paper Co.....	\$48.65
C. S. Braisted.....	101.92	D. Frank Parker.....	504.82
F. P. Burnap Stationery and Printing Co.....	12.00	Remington Typewriter Co.....	304.35
Chadwick Copying Book Co.....	245.44	Rockwell-Barnes Co.....	9.75
H. C. Davison & Co.....	113.82	Fred A. Schmidt.....	3.28
E. Faber.....	296.04	Stott Stationery Co.....	9.20
Gaylord Bros.....	1.50	W. L. Swayze.....	936.45
E. F. Goodall.....	5.75	Typewriter and Office Supply Co.....	6.56
Hooper, Lewis & Co.....	43.52	John Underwood & Co.....	4.05
W. Cary Lewis & Co.....	26.80	Union Envelope Co.....	453.75
		United States Envelope Co.....	126.17

Total amount paid for stationery under above appropriation, \$3,666.23.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Mary Abbott.....	\$98.25	A. R. Barton & Co.....	\$66.23
The E. B. Adams Co.....	7.50	J. Baumgarten & Son.....	2.50
The Age-Herald Publishing Co.....	2.67	Bausch & Lomb Optical Co.....	619.82
American Automatic Disinfectant Co.....	15.75	Wm. Beatty.....	125.00
American Distributing Co.....	50.22	Geo. E. Bedell.....	8.90
American Ice Co.....	293.51	Bedell Manufacturing Co.....	4.05
American Linen Supply Co.....	6.00	Bee Publishing Co.....	8.30
American Rwy. Supply Co.....	1,058.25	A. H. Belo & Co.....	10.10
American Tag Co.....	241.52	W. L. Beswick.....	50.00
Ames Plow Co.....	2.31	Ernest Betz.....	90.90
Arizona Publishing Co.....	.50	Biddell & Bogart Painters Supply Co.....	52.92
Arizona Republican.....	2.50	S. M. Birch Lumber Co.....	22.92
Armstrong Laundry.....	6.39	F. W. Bolgiano & Co.....	2.90
Alex. A. Arnold.....	6.00	The Biggs Heating Co.....	234.00
E. C. Atkins & Co.....	17.29	J. Bishop & Co.....	7.64
Attorney-general (W. Va.).....	10.00	Blue Lin Transfer Co.....	.50
Frank Baggage.....	92.50	Booth & Co.....	15.00
The Baker & Adamson Chemical Co.....	3.50	R. G. Bolich.....	2.50
Barber & Ross.....	662.96	Thos. M. Bond.....	267.25
Pitt H. Barker.....	15.00	Wm. F. Bowen.....	20.00

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
Frank Brandon.....	\$60.00	Frank Fowler.....	\$51.39
Jos. Breck & Son.....	51.40	Fowler Manufacturing Co.....	20.76
E. J. Brooks & Co.....	1,866.00	Frayer & Thomas.....	6.00
W. J. Brooke.....	66.85	Geo. F. Fritch & Son.....	8.00
I. J. M. Brown.....	15.00	Frontier Towel Supply Co.....	63.08
A. Buch's Sons Co.....	11.80	W. M. Galt & Co.....	10,806.71
R. W. Burrell.....	17.61	Gazette Publishing Co., Little Rock, Ark.....	3.10
Robt. Burrows.....	135.70	Gazette Publishing Co., Reno, Nev..	2.70
W. T. Burrows.....	49.50	The General Fireproofing Co.....	97.50
Darius E. Burton.....	2.00	August Giese & Son.....	1.50
R. C. M. Burton & Son.....	6.50	J. R. Gilchrist.....	25.00
M. V. Byers.....	25.00	J. O. Gilchrist.....	35.00
Campbell, Morrell & Co.....	155.53	Z. D. Gilman.....	214.12
Capital Traction Co.....	67.50	Glynn & Smith.....	25.50
F. L. Carpenter.....	32.00	M. Goldsmith & Co.....	114.75
Carroll Electric Co.....	205.00	J. D. Graham.....	150.00
Carl Cass.....	30.00	Frank H. Green.....	5.30
Elmer H. Catlin & Co.....	18.00	Emil Greiner.....	26.12
H. A. Chapin.....	117.04	D. F. Groff.....	6.60
Charlotte Observer, Charlotte, N. C.	2.33	The Grove Lime and Coal Co.....	208.16
The Chesapeake and Potomac Tele- phone Co.....	6.28	J. Haberle.....	15.50
Chicago Car Seal Manufacturing Co.....	3.00	A. T. Hakes.....	40.00
Chicago Towel Supply Co.....	332.18	Hammond Typewriter Co.....	85.75
Church & Stephenson.....	1,988.14	Louis Hartig.....	4.53
The Citizen Publishing Co.....	3.00	Harvard Laundry Co.....	142.63
J. S. J. Clark.....	10.00	E. P. Hazleton.....	40.00
R. P. Clarke Co.....	23.45	P. H. Heiskell, jr. & Co.....	21.33
Wm. J. Cohill.....	8.00	J. B. Henderson.....	7.50
Combe Printing Co.....	8.25	Geo. Hiatt.....	14.00
Geo. P. Comer.....	30.00	Jos. Hiatt.....	36.00
Commercial Appeal.....	.50	Hibbard, Spencer, Bartlett & Co.....	9.60
Commercial Publishing Co.....	3.60	Benj. Hickey.....	85.00
Constitution Publishing Co.....	3.10	L. E. Holloway.....	24.00
The Consumer's Co.....	143.25	Mary E. Hootman.....	30.00
W. H. Coon.....	8.50	Todd Hootman.....	10.00
M. G. Copeland & Co.....	10.10	Horton & Steigewalt.....	47.20
J. H. Corning.....	292.90	Geo. E. Howard.....	5,232.50
Silas Crandal.....	21.60	Do.....	45,500.00
W. J. Crawford.....	.90	Do.....	552.50
Jos. L. Crupper.....	775.00	Chas. Hubinger.....	205.71
Guy Curran & Co.....	.30	Improved Mailing Case Co.....	4.00
Curran Bill Posting and Distribu- ting Co.....	3.00	Independent Publishing Co.....	4.36
Cutter & Neilson Paint and Color Co.....	44.00	Jackson-Phillips Brick Co.....	262.80
Cyclone Woven Wire Fence Co.....	32.25	T. E. James.....	30.00
Daily Clarion Ledger.....	3.30	Chas. H. Johnson.....	60.00
Michael Dauber.....	45.00	C. M. Jordan.....	21.00
L. R. Defreese.....	18.90	Albert Kahrlt & Co.....	9.60
St. Louis Demokrat.....	3.23	S. Kann & Sons Co.....	1.90
Densmore Typewriter Co.....	20.50	J. Karr's Sons.....	7.00
Densmore & Co.....	134.26	Keasbey & Mattison.....	8.42
Wm. A. Dixon.....	16.00	Howard H. Keim.....	6.00
A. W. Dolph.....	7.50	Lewis Keiser.....	1,714.00
Doremus & Snyder.....	61.12	J. Kennard & Sons Carpet Co.....	92.73
C. W. Drew.....	10.00	Kistler Stationery Co.....	16.00
R. C. Drum.....	12.50	K. Kneessi's Sons.....	6.00
Dulin & Martin Co.....	9.38	Geo. W. Knox.....	6.30
M. Du Perow.....	194.06	Wm. Kraft.....	16.40
The Eastern Granite Roofing Co.....	435.35	KraP's Bacteriological Laboratory.....	1.75
Chas. R. Edmonston.....	61.90	F. J. Lamb.....	58.73
Eimer & Amend.....	130.93	Lamb & Tilden.....	57.25
Eisinger Bros.....	9.00	James B. Lambie Co (Inc.).....	197.42
Elliott Bros. & Co.....	312.50	Lansburgh Bros.....	4.74
James Elliott & Co.....	80.50	Chas. Lentz & Sons.....	.75
The J. C. Ergood Co.....	13.12	B. Lenovitz.....	10.00
Geo. C. Esher.....	524.00	Jerrold R. Letcher.....	3.35
Eureka Rubber Manufacturing Co.....	60.00	T. Libby & Co.....	.25
The Fair.....	4.00	The M. Lindsay Rubber Co.....	36.10
Fairbanks, Morse & Co.....	6.00	Littlefield & Alvord.....	16.62
Fay-Sholes Co.....	4.80	L. Leroy Lochte.....	145.30
Geo. D. Feidt & Co.....	137.75	Wm. Lochte.....	8.75
Felt & Tarrant Manufacturing Co.....	195.00	Saml. Lockman.....	10.00
Edgar Fire Thunder.....	50.00	W. A. Lockwood.....	.75
Wm. C. Fleet.....	173.66	Louisville Courier-Journal.....	5.14
A. C. Forney.....	15.00	Jno. E. Lowe.....	30.00
Forsberg & Murray.....	.40	Lutz & Co.....	29.50
Forum Printing Co.....	4.50	C. S. Lyon.....	6.00
F. N. Fowler.....	21.39	James McBeth.....	10.00
		The C. J. McCubbin Co.....	25.80
		Geo. M. McKerrow & Sons.....	7.20

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
Mackall Bros.....	\$817.84	Edw. S. Schmid.....	\$43.20
Manhattan Electrical Supply Co.....	46.90	C. A. Schneider's Sons.....	7.00
P. Mann & Co.....	8.25	Secretary of state (Illinois).....	15.30
J. Manz Engraving Co.....	35.00	Secretary of state (Indiana).....	3.00
Marine Office and Towel Supply Co.....	12.00	Secretary of state (Michigan).....	9.40
The Maurice Joyce Engraving Co.....	1.50	Secretary of state (Territory of New Mexico).....	63.80
F. P. May & Co.....	32.30	Shannon & Axtell.....	26.40
F. A. Meidell.....	80.00	Geo. Shaffer.....	30.00
Geo. Meier Co.....	7.10	F. P. Shea.....	166.00
Mendenhall Transfer Co.....	20.55	N. H. Shea.....	5.76
Merchants Refrigerating Co. (N. Y.).....	2.70	W. Silas Sheetz.....	95.02
Merck & Co.....	.50	Sheppard, Knapp & Co.....	17.25
The Metropolis.....	1.90	Chas. Shore.....	.75
Francis Miller.....	52.58	Silver Laundry and Towel Co.....	21.93
Miller Lock Co.....	77.00	Simplex Electric Heating Co.....	9.60
Missouri Tent and Awning Co.....	6.00	Simpson, McIntire & Co.....	64.80
John Mitchell, Jr.....	24.64	J. J. Slater.....	3.04
M. C. Mitchell Co.....	191.00	Jas. Smalley.....	25.00
Monarch Typewriter Co.....	80.00	Thos. W. Smith.....	10.56
Geo. A. Monington.....	19.65	The Smith Premier Typewriter Co.....	101.50
A. L. Moore.....	16.54	Thos. Somerville & Sons.....	888.67
Moore Bros.....	45.00	Southern Printers Supply Co.....	15.70
F. E. Morgan.....	34.00	South Omaha Novelty Works.....	7.50
W. B. Moses & Sons.....	338.48	E. B. Spratlen.....	30.00
A. F. Mulhearn.....	15.00	The State Co.....	3.80
G. B. Mullin.....	68.00	Statesman Printing Co.....	2.50
Fred H. Munn.....	106.92	Stock Yards Hardware and Paint Co.....	26.37
E. J. Murphy & Co.....	40.10	R. O. Stoops.....	20.00
Muskogee Evening Times.....	3.50	John D. Spreckels.....	10.00
Geo. F. Muth & Co.....	128.58	Chas. P. Sweet.....	7.40
National Electrical Supply Co.....	125.84	Swift & Co.....	19.26
National Mortar Co.....	75.50	A. J. Temple.....	7.50
J. P. Nawrath.....	65.80	Texas Co.....	10.00
N. J. Niles.....	67.00	Thacher & Ireland.....	3.90
John No Ears.....	5.00	A. H. Thomas & Co.....	308.51
North Dakota Book and Stationery Co.....	22.30	Jos. F. Thompson.....	1.20
The Nungesser Electric Battery Co.....	5.00	L. E. Thompson.....	7.50
R. J. O'Brien & Bros. Co.....	152.36	Thorpe & Co.....	160.00
Old Bad Wound.....	15.00	Ethel L. Tibbetts.....	10.00
The Okonite Co. (Ltd.).....	63.00	The Times-Dispatch, Richmond, Va.....	2.00
Oliver Machinery Co.....	185.00	The Times Printing Co., Seattle, Wash.....	2.55
Oliver Typewriter Co.....	75.00	A. A. Timson.....	63.00
Oregonian Publishing Co.....	6.16	Tomlinson & Day (publishers Daily Argus-Leader).....	7.40
L. G. Orndoff.....	26.55	The Topeka Capital.....	1.30
Passaic Feed Co.....	26.90	D. A. Tower.....	1.04
Spencer Patterson.....	20.00	Thos. E. Trazzare.....	30.00
Levi W. Phelps.....	228.79	Tribune Publishing Co. (Cheyenne, Wyo.).....	4.00
Potomac Brick Co.....	217.75	George Truesdell.....	7.50
Potomac Electric Power Co.....	9.60	Oliver Tyon.....	42.50
Jos. Pourier.....	52.50	Underwood Typewriter Co.....	113.80
Wm. E. Pratt.....	646.20	Union Stock Yard and Transit Co.....	107.30
The Public Printer.....	500.29	U. S. Gypsum Co.....	177.00
E. J. Pullman.....	54.36	Vulcan Construction Co.....	945.20
The Publishers and Printers Engraving Co.....	8.75	Wadsworth, Howland & Co.....	72.99
The Randall-Faichney Co.....	48.79	D. N. Walford.....	1.25
Thos. G. Rapier.....	4.20	Walker Engraving Co.....	2.00
S. C. Raub.....	2.65	J. T. Walker & Son.....	13.50
James Reade.....	24.00	E. G. Ward.....	60.00
Record-Stockman Publishing Co.....	5.00	Whitall Tatum Co.....	43.63
Hugh Reilly.....	22.88	A. L. White.....	82.11
Remington Typewriter Co.....	295.78	Carleton White.....	38.72
Rex Sanitary Appliance Co.....	11.20	Philip White.....	5.00
Rock & Co.....	9.75	James Wilde.....	60.00
Roswell Register.....	2.75	D. A. Wilson.....	50.00
I. P. Roosa.....	12.33	Tom Wilson.....	40.00
Chas. Rountree.....	15.00	M. Weinberg.....	4.50
Rudolph, West & Co.....	750.20	Max Woher & Son.....	3.50
Wm. H. Rupp & Co.....	9.60	J. H. Woodford.....	7.50
John Russell.....	50.00	J. S. Woodhouse.....	19.20
James Ryan.....	30.00	Woodward & Lothrop.....	46.66
Alex St. John.....	18.90	Yawman & Erbe Manufacturing Co.....	97.96
Salt Lake Tent and Awning Co.....	11.50		
Salt Lake Tribune Publishing Co.....	3.14		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$91,189.79.

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

FURNITURE.

Name.	Amount.	Name.	Amount.
Buxton & Skinner Stationery Co.....	\$74.75	Meador & Cathcart.....	\$30.75
The Cooper & Powell Furniture Co....	72.30	W. B. Moses & Sons.....	\$18.15
Doten-Denton Desk Co.....	117.50	W. O. Olsen Furniture Co.....	15.00
Duff-Repp Furniture Co.....	62.00	Remington Typewriter Co.....	30.05
Kinney & Burns.....	39.50	R. H. Russell.....	27.50
Julius Lansburgh.....	4.60	Scarritt Comstock Furniture Co...	22.60
Library Bureau.....	98.00	Wasem & Gaard.....	33.00
Luger Furniture Co.....	4.75	Woodward & Lothrop.....	229.21

Total amount paid for furniture under above appropriation, \$879.66.

FUEL.

Transit House Stores.....	\$39.35	A. Wilson & Bro.....	\$366.25
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Total amount paid for fuel under above appropriation, \$405.60.

FREIGHT.

Atchison, Topeka and Santa Fe Rwy. Co.....	\$0.24	Erie R. R. Co.....	\$3.07
Baltimore and Ohio R. R. Co.....	192.10	Grand Trunk Rwy. of Canada.....	18.32
Boston and Maine R. R.....	.78	Great Northern Rwy. Co.....	.16
Chesapeake and Ohio Rwy Co.....	2.53	Houston and Texas Central R. R. Co.	16.03
Chicago and Alton Rwy. Co.....	11.87	Illinois Central R. R. Co.....	14.71
Chicago, Burlington and Quincy Rwy. Co.....	60.26	Lake Shore and Michigan Southern Rwy. Co.....	.53
Chicago Great Western Rwy. Co.....	10.53	Louisville and Nashville R. R. Co...	1.12
Chicago, Milwaukee and St. Paul Rwy. Co.....	95.65	Metropolitan Steamship Co.....	.29
Chicago and Northwestern Rwy. Co.	10.44	Michigan Central R. R. Co.....	1.07
Chicago, Rock Island and Gulf Rwy. Co.....	2.63	Missouri Pacific Rwy. Co.....	177.74
Chicago, Rock Island and Pacific Rwy. Co.....	451.05	New York Central and Hudson River R. R. Co.....	3.58
Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.....	6.09	New York, New Haven and Hartford R. R. Co.....	15.84
Cincinnati, Hamilton and Dayton Rwy. Co.....	4.16	North Carolina Cotton Oil Co.....	3.34
Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.....	23.21	The Pennsylvania R. R. Co.....	3.13
		Star Union Line.....	7.37
		Union Pacific R. R. Co.....	34.65
		Wabash R. R. Co.....	3.77

Total amount paid for freight under above appropriation, \$1,176.26.

EXPRESS.

Adams Express Co.....	\$195.11	United States Express Co.....	\$71.91
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Total amount paid for express under above appropriation, \$267.02.

TELEGRAPH.

Postal Telegraph Cable Co.....	\$123.04	Western Union Telegraph Co.....	\$179.15
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Total amount paid for telegraph under above appropriation, \$302.19

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

TELEPHONE.

Name.	Amount.	Name.	Amount.
Armour Packing Co.....	\$36.00	Missouri and Kansas Telephone Co..	\$156.00
The Bell Telephone Co., of Philadel- phia.....	160.00	Morris & Co.....	5.00
The Bell Telephone Co., of Buffalo...	49.52	Nebraska Telephone Co.....	54.00
The Chesapeake and Potomac Tele- phone Co.....	484.02	New Telephone Co.....	20.00
Chicago Telephone Co.....	205.00	New England Telephone and Tele- graph Co.....	233.34
City Telephone Co.....	6.00	New York and New Jersey Telephone Co.....	165.00
The Colorado Telephone Co.....	86.80	New York Telephone Co.....	191.16
Cudahy Packing Co.....	18.00	Northeastern Telephone Co.....	50.00
Douglas County Telephone Co.....	4.00	Rocky Mountain Bell Telephone Co..	39.00
Fowler Packing Co.....	12.00	Sunset Telephone and Telegraph Co..	10.50
Home Telephone Co.....	35.10	Swift & Co.....	3.00
Indianapolis Telephone Co.....	60.00	Weehawken Stock Yards Co.....	44.25
Iowa Telephone Co.....	48.00		
Maryland Telephone and Telegraph Co.....	48.00		

Total amount paid for telephone under above appropriation, \$2,223.69.

RENT.

Emma J. and Mary E. Adams.....	\$480.00	Isabella P. Hunnewell, estate of.....	\$250.00
F. Auerbach & Bros.....	120.00	Independent Stock Yard Co.....	300.00
Belt Railroad and Stock Yard Co...	120.00	J. Harrison Johnson & Son.....	1,800.00
Bourbon Stock Yards Co.....	120.00	The Kansas City Stock Yards Co. of Missouri.....	852.00
Chicago Insulated Wire Co.....	42.00	James Leonard.....	150.00
Cincinnati Union Stock Yards Co...	180.00	John S. Martin & Co.....	206.67
Columbia Live Stock Co.....	60.00	Phibbs, Gibson & Co.....	42.57
Commercial Bank of Fargo, N. Dak.	315.00	Pittsburg Union Stock Yards Co...	180.00
Emma Curran, administratrix.....	56.00	Plymouth Refrigerating, Water, Light, and Power Co.....	50.00
The Denver Union Stock Yard Co...	168.00	Real Estate Improvement Co.....	225.00
East Buffalo Live Stock Exchange Co.....	360.00	T. F. Rogers, agent.....	210.00
M. F. Flenniken.....	192.00	St. Joseph Stock Yards Co.....	540.00
Gahan & Byrne.....	2,700.00	St. Louis National Stock Yards.....	600.00
E. G. Garcia, agent.....	168.00	St. Paul Union Stock Yards Co...	100.00
N. Rufus Gill.....	125.00	Sioux City Stock Yards Co.....	240.00
W. S. Goodhue.....	500.00	Hortense Stikeman.....	250.00
Grand Trunk Rwy. System.....	150.00	Trustees of the Oliver Building.....	900.00
John R. Harris.....	144.00	Union Stock Yards Transit Co.....	1,500.00
Herbert J. Harwood.....	250.00	Wichita Union Stock Yards Co.....	40.00
D. B. Hill.....	100.00		

Total amount paid for rent under above appropriation, \$14,786.24.

GAS AND ELECTRICITY.

Potomac Electric Power Co.....	\$916.83	Washington Gas Light Co.....	\$424.40
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Total amount paid for gas and electricity under above appropriation, \$1,341.23.

TRAVELING EXPENSES.

Norman R. Adams.....	\$245.85	W. C. Barth.....	\$766.96
H. A. Alcorn.....	310.85	H. M. Batchelder.....	510.00
T. J. Alexander.....	67.45	L. P. Beechy.....	339.25
L. J. Allen.....	517.15	C. R. Behler.....	296.10
E. T. Allingham.....	11.00	A. E. Behnke.....	146.22
H. E. Alvord.....	46.90	G. A. Bell.....	1.98
Jacob Anglicker.....	498.33	J. A. Bell.....	176.53
H. E. Armstrong.....	350.35	A. C. Bennett.....	12.72
Thos. L. Armstrong.....	67.50	G. M. Bettis.....	22.57
J. L. Atchison.....	3.00	A. G. Bibb.....	55.55
O. G. Atherton.....	49.02	A. H. Bibb.....	145.95
Geo. F. Babb.....	75.45	W. N. D. Bird.....	12.12
H. C. Babcock.....	33.39	A. M. Blackwell.....	616.38
S. C. Babson.....	13.15	J. E. Blackwell.....	15.45
J. I. Bagnall.....	7.58	W. M. Blalock.....	255.00
A. L. Bailey.....	236.18	R. J. Blanche.....	140.05
Geo. S. Baker.....	162.85	S. L. Blount.....	28.75
Boyd Baldwin.....	2.85	J. B. Boazman.....	193.67
H. M. Ball.....	266.85	G. A. Bond.....	648.35

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

TRAVELING EXPENSES—Continued.

Name.	Amount.	Name.	Amount.
Frank L. Boone.....	\$8.35	Adolph Eichorn.....	\$399.47
J. C. Bowman.....	349.75	W. P. Ellenberger.....	318.62
Edwin B. Bowser.....	24.95	John A. Elliott.....	15.60
Nelson V. Boyce.....	78.45	Fred Evans.....	482.90
W. J. Bracken.....	528.80	J. C. Exline.....	361.25
P. J. Brady.....	13.70	M. A. Farley.....	10.15
T. A. Bray.....	378.14	A. M. Farrington.....	19.15
F. W. Brewer.....	458.10	A. L. Faunce.....	100.82
J. P. Brewer.....	294.00	N. K. Fegley.....	7.50
S. D. Brimhall.....	269.21	L. S. A. Fenstermacher.....	35.30
C. A. Brown.....	131.95	J. Wm. Fink.....	28.20
E. W. Brown.....	20.32	J. G. Fish.....	579.48
H. E. Brown.....	36.50	Wm. H. Fisher.....	8.60
G. W. Browning.....	42.95	W. R. Fleming.....	177.85
Clinton H. Bugbee.....	62.48	Orlando Fling.....	75.96
E. A. Bundy.....	202.70	J. H. Folts.....	2.55
S. R. Burch.....	414.18	Reuben Forbes.....	12.75
J. L. Burgess.....	412.58	E. J. Foreman.....	132.10
J. L. Burgett.....	173.64	H. D. Freeman.....	44.00
W. E. Burrows.....	235.40	W. J. Fretz.....	296.61
G. E. Butin.....	8.49	Wm. Froyd.....	13.70
Alex. T. Butler.....	23.90	Wm. A. Fry.....	267.38
W. J. Butler.....	838.14	J. J. Gallagher.....	176.25
Oliver W. Byrd.....	24.95	T. A. Geddes.....	646.19
S. H. Caldwell.....	31.85	S. D. Gillett.....	177.25
Colin Campbell.....	314.50	Elias Gilmore.....	12.50
J. B. Campbell.....	27.55	G. H. Glover.....	69.32
L. S. Campbell.....	438.70	F. J. Glynn.....	478.26
Chas. H. Canfield.....	12.85	Washington Gobble.....	29.20
E. C. Cannon.....	11.00	Jos. M. Good.....	13.65
E. J. Carey.....	572.22	Ralph Graham.....	241.20
C. E. Carroll.....	294.00	C. E. Gray.....	121.53
Mary B. Clark.....	9.75	L. K. Green.....	27.81
Lowell Clarke.....	211.53	R. B. Grimes.....	29.55
C. A. Clawson.....	378.84	Wm. Hamilton.....	117.70
L. A. Clinton.....	26.38	H. J. Hammond.....	144.44
H. H. Cohenour.....	416.04	D. C. Hanawalt.....	170.65
A. T. Coleman.....	151.30	H. J. Hancock.....	153.75
H. H. Collins.....	439.70	C. F. Harrington.....	443.99
W. D. Collyer.....	788.61	Robt. H. Harrison.....	55.85
C. C. Conley.....	23.00	A. C. Hart.....	89.75
Dallas W. Connor.....	42.75	G. A. Hanvey, Jr.....	76.40
F. C. Cooley.....	358.15	M. T. Hascall.....	177.75
S. E. Cosford.....	526.40	Morton Hattery.....	11.45
Chas. M. Coulter.....	28.35	J. J. Hayes.....	392.50
Chas. Cowie.....	106.70	T. C. Hays.....	233.00
Thomas Coyle.....	32.73	C. C. Heacock.....	89.75
J. A. Cratty.....	1.65	H. A. Hedrick.....	4.00
G. T. Creech.....	234.35	J. J. L. Heldring.....	305.30
W. F. Crewe.....	501.02	L. C. Henderson.....	94.95
R. W. Culbert.....	21.85	P. C. Henry.....	12.00
W. M. Cummins.....	113.70	C. M. Herbert.....	441.73
N. G. Cunningham.....	11.05	O. B. Hess.....	195.95
C. F. Curtiss.....	27.10	Jas. Hewes.....	488.46
F. A. Dammann.....	3.93	R. W. Hewett.....	41.47
F. C. Dauncey.....	728.85	W. L. Hiatt.....	156.67
C. H. Davies.....	192.95	R. W. Hickman.....	385.67
L. R. Davies.....	4.40	Geo. S. Hickox.....	387.14
B. C. Davis.....	730.80	H. H. Hicks.....	209.55
E. T. Davison.....	776.81	T. H. Hicks.....	101.00
C. M. Day.....	223.47	W. E. Hill.....	147.25
L. E. Day.....	592.06	D. R. Hodges.....	1.50
Wm. E. Day.....	57.80	A. A. Holcombe.....	486.45
Albert Dean.....	121.45	Nellie Holland.....	11.75
C. W. Deming.....	77.60	W. C. Honan.....	100.34
W. R. Dennis.....	225.25	H. B. Hood.....	13.15
W. I. Dillingham.....	198.20	F. W. Hopkins.....	265.46
C. F. Doane.....	426.31	U. G. Houck.....	1,643.43
Marion Dorset.....	109.95	De Lannes Howard.....	63.75
Orin Douglass.....	234.05	W. E. Howe.....	121.75
E. J. Drake.....	67.05	Ben Howes.....	22.52
R. N. Drake.....	126.75	H. J. Hoyman.....	101.35
J. W. Dunham.....	253.80	L. M. Hurt.....	30.00
C. O. Durfee.....	18.47	W. H. Hurst.....	323.50
Leon Durham.....	203.65	E. N. Hutchinson.....	342.35
O. E. Dyson.....	23.65	Andrew Hyde.....	59.20
J. G. Eagle.....	65.75	M. Imes.....	469.10
R. F. Eagle.....	417.16	Geo. T. Irons.....	25.60
T. J. Eagle.....	520.35	A. N. Irwin.....	538.95
F. C. Ellis.....	275.15	R. E. L. Jackson.....	481.27

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

TRAVELING EXPENSES—Continued.

Name.	Amount.	Name.	Amount.
J. O. Jacobs.....	\$163.60	H. S. Newlove.....	\$22.70
Robt. Jay.....	16.77	B. E. Newman.....	5.35
J. S. Jenison.....	34.80	R. R. Newman.....	820.60
G. Jerome.....	147.46	E. M. Nighbert.....	100.98
F. E. Johnson.....	411.81	W. B. Niles.....	102.11
L. E. Johnson.....	19.40	V. A. Norgaard.....	146.75
Raymond Johnson.....	279.36	O. W. Noyes.....	318.25
W. L. Johnson.....	149.15	L. A. Nutting.....	737.14
Carl A. Johnston.....	627.48	B. C. Oberly.....	81.90
Jas. Johnston.....	15.36	J. P. O'Connor.....	426.50
W. F. Jones.....	184.75	J. P. O'Leary.....	34.34
W. D. Jordan.....	695.00	W. R. O'Neal.....	5.20
E. C. Joss.....	9.85	E. R. O'Neil.....	637.47
F. L. Kampschmidt.....	384.13	Frances E. O'Rourke.....	83.75
John Keppel.....	183.50	I. W. O'Rourke.....	181.15
P. I. Kershner.....	120.75	J. C. Oren.....	315.90
F. D. Ketchum.....	109.29	J. L. Osborn.....	256.20
J. A. Kiernan.....	724.28	F. D. Owen.....	142.19
L. A. Klein.....	43.00	C. W. Pagle, jr.....	5.70
John Kneebone.....	159.65	Phelps Paine.....	8.70
L. H. Kraus.....	30.60	Frank Parker.....	199.25
J. V. Laddey.....	212.27	J. W. Parker.....	263.10
M. B. Lamb.....	7.65	G. H. Parks.....	29.45
C. B. Lane.....	227.40	G. E. Patrick.....	22.50
M. W. Lang.....	1,577.28	Arthur Paul.....	12.50
M. S. Lantz.....	131.20	A. J. Payne.....	265.20
P. U. C. Lauchnor.....	25.00	Chas. Pearson.....	154.40
J. M. Lawson.....	597.53	F. M. Perry.....	128.40
R. G. Lawton.....	508.93	S. P. Peterson.....	6.85
John W. Leary.....	19.35	F. O. Petzey.....	99.25
E. S. Lentz.....	11.75	W. F. Pflaegin.....	247.55
J. C. Leyser.....	258.45	J. M. Pickens.....	492.56
Lewis A. Licking.....	52.52	W. S. Pidcock.....	519.54
W. B. Lincoln.....	216.93	A. J. Pistor.....	35.05
R. C. Livers.....	258.70	Geo. W. Pope.....	109.18
Albert Long.....	8.60	H. T. Potter.....	57.50
A. H. Logan.....	32.35	J. E. Potter.....	4.25
Thos. J. Lowry.....	720.05	Wm. Proudfoot.....	567.85
W. H. Lytle.....	254.90	Robt. M. Raban.....	162.07
Robt. McAdam.....	166.74	H. B. Raffensperger.....	11.85
W. B. McAlister.....	103.75	R. A. Ramsay.....	873.11
W. D. McArthur.....	33.79	B. H. Ransom.....	269.35
Jno. McBirney.....	239.65	Chas. A. Rapp.....	5.90
C. N. McBryde.....	205.10	B. H. Rawl.....	542.48
G. P. McCabe.....	766.10	T. B. Rea.....	302.75
C. A. McCall.....	246.72	Jos. C. Reid.....	32.75
S. W. McClure.....	259.52	T. S. Rich.....	161.50
J. E. McCoul.....	294.00	I. Richards.....	298.75
Dan McCuningham.....	336.45	A. G. G. Richardson.....	355.43
E. A. McDonald.....	546.70	X. I. Richmond.....	220.22
H. L. McDonald.....	261.75	Jesse Robards.....	168.80
W. M. MacKeller.....	64.95	E. S. Roberts.....	40.00
C. A. McMillan.....	25.15	Chas. H. Robinson.....	440.58
R. T. McNaghton.....	21.15	G. H. Robinson.....	381.41
H. R. McNally.....	266.75	L. A. Robinson.....	34.82
P. J. McPartland.....	2.75	B. R. Rogers.....	4.20
J. A. Madden.....	82.30	L. A. Rogers.....	190.59
G. O. Marshall.....	9.05	G. M. Rommel.....	576.90
J. C. Massie.....	317.10	Henry Roome.....	27.29
C. E. Mauldin.....	525.97	Chas. F. Rork.....	650.26
H. D. Mayne.....	101.56	H. M. Rowe.....	196.35
W. H. Meadors.....	4.85	Q. M. Rowley.....	241.50
A. D. Melvin.....	1,177.32	F. L. Russell.....	375.95
Jay Merrill.....	330.45	H. R. Ryder.....	49.49
R. G. Merrill.....	61.50	J. F. Ryder.....	54.26
Louis Metsker.....	64.75	D. E. Salmon.....	740.31
A. W. Miller.....	315.13	M. A. Sappington.....	177.02
Flora F. Miller.....	4.60	L. E. Sargent.....	710.76
W. C. Mitchell.....	31.30	J. W. Sarsfield.....	120.35
J. R. Mohler.....	120.95	W. A. Savage.....	75.22
J. W. Montague.....	31.75	E. P. Schaffer.....	29.42
C. L. Morin.....	83.80	Floyd W. Schatzell.....	283.92
L. W. Morrissey.....	391.85	C. A. Schaeffer.....	21.18
P. J. Morrison.....	3.18	C. K. Schafer.....	430.22
R. M. Mullings.....	53.65	W. Schumacher.....	211.05
P. H. Mullenwey.....	98.95	S. L. Shaw.....	19.60
John Mumm.....	5.20	R. C. Shepherd.....	4.15
F. E. Murray.....	77.00	J. Shipley.....	10.51
Robt. C. Musser.....	59.15	T. A. Shipley.....	13.88
J. I. Nelson.....	612.60		

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

TRAVELING EXPENSES—Continued.

Name.	Amount.	Name.	Amount.
A. L. Simons.....	\$209.75	S. I. Valentine.....	\$536.00
J. M. Simpson.....	312.25	B. F. Van Valkenburgh.....	200.45
H. Singleton.....	50.65	Z. Veldhuis.....	297.25
W. A. Skinner.....	198.80	C. E. Verry.....	142.85
Jno. A. Sloan.....	175.75	E. L. Volgenau.....	32.67
Edw. M. Smith.....	39.90	Chas. I. Walch.....	6.15
Nath. B. Smith.....	227.20	S. J. Walkley.....	274.53
W. A. Smith.....	14.27	A. H. Wallace.....	104.40
Wm. E. Smith.....	72.26	E. K. Ward.....	5.00
S. Somerville, jr.....	444.61	G. W. Ward.....	111.70
E. O. Speake.....	36.60	D. E. Warner.....	81.50
E. S. Spindler.....	556.55	Geo. D. Warner.....	89.00
J. A. Stauffer.....	708.60	F. R. Washburne.....	264.45
J. P. Steadman.....	232.50	H. J. Washburne.....	5.60
R. P. Steddom.....	61.80	H. L. Watson.....	93.75
M. R. Steffen.....	89.80	E. H. Webster.....	612.82
Wm. Stevenson.....	273.00	Levi Wells.....	1,463.87
C. A. Stewart.....	20.10	B. P. Wende.....	12.35
B. L. Stine.....	11.70	Laomer West.....	191.05
E. N. Stout.....	501.52	W. L. West.....	479.51
F. T. Suit.....	11.13	F. W. Weston.....	408.44
A. W. Swedberg.....	17.00	A. E. Wight.....	537.00
Chas. Thom.....	43.37	Geo. M. Whitaker.....	653.72
Reginald Thomas.....	14.16	Thos. White.....	229.50
G. F. Thompson.....	97.15	W. C. Wootton.....	13.87
J. D. Thrower.....	96.25	W. W. Worcester.....	171.00
G. E. Totten.....	121.75	W. H. Wray.....	100.35
N. L. Townsend.....	79.50	W. W. Yard.....	395.75
Jno. Trainer.....	5.43	Wm. Yenner.....	122.05
R. H. Treacy.....	647.15	C. J. Young.....	201.05
W. B. Trenbeth.....	9.30	W. A. Young.....	173.35
T. J. Turner.....	355.22	F. R. Zahl.....	193.50
W. L. Upton.....	168.75	C. H. Zink.....	50.80

Total amount paid for traveling expenses under above appropriation \$90,290.69.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

Louis Abel.....	\$4.35	L. K. Green.....	\$26.65
F. W. Ainsworth.....	30.40	H. A. Hedrick.....	54.60
M. O. Anderson.....	1.30	A. A. Holcombe.....	20.40
H. P. Armsby.....	272.05	J. Huelsen.....	117.05
Don C. Ayer.....	181.20	F. W. Huntington.....	4.00
H. C. Babcock.....	287.22	Hiram Jerome.....	37.22
Geo. S. Baker.....	6.35	Geo. A. Johnson.....	139.25
Lewis R. Baker.....	231.45	W. D. Jorden.....	300.00
B. Baldwin.....	47.09	E. C. Joss.....	3.15
A. E. Behnke.....	496.83	Chas. Keane.....	25.00
S. E. Bennett.....	337.75	J. S. Kelly.....	14.60
E. L. Bertram.....	2.63	F. D. Ketchum.....	314.93
F. Braginton.....	18.60	L. A. Klein.....	303.60
T. A. Bray.....	300.00	C. B. Lane.....	17.82
J. J. Brougham.....	601.45	M. W. Lang.....	2.40
E. W. Brown.....	20.14	W. B. Lincoln.....	21.46
C. H. Bugbee.....	4.00	Albert Long.....	4.95
S. W. Burt.....	300.00	J. C. Lorenzen.....	419.85
G. W. Butler.....	301.02	C. Loveberry.....	840.01
H. B. Chaney.....	6.10	R. G. Merrill.....	150.00
J. B. Clancy.....	174.81	Louis Metsker.....	41.74
Lowell Clark.....	6.00	A. W. Miller.....	90.00
Robert Darling.....	300.00	J. Miller.....	28.84
E. T. Davison.....	657.35	John R. Mohler.....	217.10
C. M. Day.....	482.85	A. B. Morse.....	14.35
Albert Dean.....	27.56	W. N. Neil.....	12.10
F. L. De Wolf.....	2.25	W. B. Niles.....	212.53
Geo. Ditewig.....	104.97	H. D. Paxson.....	3.00
Marion Dorset.....	133.61	A. J. Payne.....	7.95
O. E. Dyson.....	254.96	J. B. Payton.....	31.55
Geo. C. Faville.....	66.25	Geo. W. Pope.....	1,173.16
N. K. Fegley.....	3.45	R. A. Ramsay.....	87.13
T. A. Geddes.....	12.50	B. H. Ransom.....	.60
H. H. George.....	162.89	A. G. G. Richardson.....	75.21
W. H. Gibbs.....	26.00	A. E. Rishel.....	287.54
Fred J. Goebel.....	22.17	Geo. M. Rommel.....	2.50

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES—Continued.

Name.	Amount.	Name.	Amount.
W. H. Rose.....	\$171.41	N. L. Townsend.....	\$125.00
J. F. Ryder.....	747.14	B. F. Van Valkenburgh.....	656.82
E. P. Schaffter.....	50	Wm. H. Wade.....	22.50
C. A. Schaulfer.....	574.97	A. E. Wagner.....	43.30
E. C. Schroeder.....	86.76	H. N. Waller.....	109.20
T. W. Scott.....	14.70	E. H. Webster.....	101.18
T. A. Shipley.....	42.81	B. P. Wende.....	564.40
J. B. Sine.....	360.00	H. C. Williams.....	204.00
N. C. Sorensen.....	46.50	W. H. Wray.....	83.63
J. R. Stafford.....	240.00	C. H. Zink.....	4.50
E. C. Stevenson.....	10.45		

Total amount paid for station and field expenses under above appropriation, \$15,199.56.

Appropriation for general expenses.....	\$1,250,000.00
Appropriation for general expenses, deficiency act.....	150,000.00
Sale of butter, etc.....	209.04

Total amount of appropriations and sale of butter.....1,400,209.04

Total expenditures under foregoing groups.....	1,399,928.67
Difference due to error in separating vouchers to get the several classes of expenditures which lack of time prevented locating.....	7.18

Repayments to appropriation through Treasury.....	1,399,921.49
	690.39

Actual disbursements.....	1,399,231.10
Unexpended balance.....	977.94

1,400,209.04

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
Pennsylvania Experiment Station.....	Experiments in animal nutrition.....	\$2,342.54
Iowa Experiment Station.....	Experiments in sheep breeding.....	1,050.00
Connecticut Experiment Station.....	Experiments in cheese making.....	2,714.75

[Appropriation: General expenses, animal breeding and feeding, \$25,000.]

LUMP FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[Outside of Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Henry P. Armsby.....	Expert in animal nutrition, at \$1,000.	\$83.34			\$83.34
W. W. Braman.....	Assistant expert in animal nutrition, at \$840.	70.00			70.00
F. W. Christensen.....	Assistant expert in animal nutrition, at \$600.	425.00			425.00
J. P. Gray.....	Assistant expert in animal nutrition, at \$40 per month.	162.67			162.67
N. C. Hamner.....	Assistant expert in animal nutrition, at \$35 per month.	35.00			35.00
W. L. Carlyle.....	Expert, at \$1,000.....	708.33	\$384.11		1,092.44
J. F. Duggar.....	Expert, at \$50 per month.....	150.00	233.04	\$6.57	389.61
W. J. Rutherford.....	Expert, at \$100 per month.....	150.00			150.00
N. C. Rew.....	Assistant expert, at \$200 per annum.	125.57	42.92		168.49
W. F. Ward.....	Assistant expert, at \$720.....	452.00	71.44		523.44
A. McFarlane.....	Groom, at \$1,000.....	416.66	54.65		471.31
Webster Anderson.....	Laborer, at \$50 per month.....	200.00			200.00
Harry Biden.....	Laborer, at \$1.50 per day.....	36.38			36.38
Thomas Biden.....	do.....	37.13			37.13

Total amount paid for salaries outside of Washington under above appropriation, \$3,052.08.

*Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.*MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
Alabama Experiment Station.....	\$82. 15	Jacob J. Pitts.....	\$38. 50
G. W. Barnett Hardware Co.....	21. 34	E. J. Pullman.....	21. 60
Cobb & McMillan.....	251. 90	Geo. D. Rainsford.....	2, 400. 00
W. P. Cox.....	39. 78	Spratt & Stinson.....	140. 22
East Alabama Lumber Co.....	3. 53	Stock Yards Harness & Saddlery Co.	32. 00
Fort Collins Hardware Co.....	800. 00	Taylor, Taylor & Hobson.....	156. 30
Mrs. J. W. Harris.....	15. 60	M. H. Tichenor & Co.....	9, 000. 00
King Hardware Co.....	12. 78	Union Stock Yards & Transit Co....	44. 50
W. G. Little.....	139. 10	T. A. Whatley.....	45. 21
Magrath & Kennelly.....	1, 320. 00	C. D. Woods.....	800. 00
Pennsylvania Experiment Station...	16. 73	Zellers Bros.....	4. 48
Phillips, Yardbrough & Allen.....	23. 94		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$15,409.66.

FREIGHT.

Alabama Experiment Station.....	\$116. 25	Union Pacific R. R. Co.....	\$319. 84
Colorado Experiment Station.....	44. 00		

Total amount paid for freight under above appropriation, \$480.09.

TRAVELING EXPENSES.

W. L. Carlyle.....	\$384. 11	N. C. Rew.....	\$42. 92
J. F. Duggar.....	124. 13	Geo. M. Rommel.....	94. 51
A. McFarlane.....	54. 65	Geo. F. Thompson.....	774. 20
G. H. Parks.....	22. 10	W. F. Ward.....	71. 44

Total amount paid for traveling expenses under above appropriation, \$1,568.06.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

J. F. Duggar.....	\$6. 57		
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Total of the foregoing groups under the above appropriation, \$20,516.46.
Unexpended balance, \$4,483.54.

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
Maine Experiment Station.....	Poultry breeding.....	\$800. 00
Colorado Experiment Station.....	Horse breeding.....	14, 203. 25
Alabama Experiment Station.....	Beef production.....	1, 867. 63
Iowa Experiment Station.....	Sheep breeding.....	150. 00
Pennsylvania Experiment Station.....	Animal nutrition.....	792. 74
Maryland Experiment Station.....	Zebra hybrid breeding.....	1, 320. 00

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

[Appropriation: Emergency appropriation to eradicate contagious diseases of animals, \$119,998.97.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[Outside of Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Geo. S. Hickox.....	Agent and expert in charge, at \$1,600.	\$933.33	.....	.....	\$933.33
Lowell Clarke.....	Inspector, at \$1,600.	666.67	.....	.....	666.67
A. A. Holcombe.....	do.	666.65	.....	.....	666.65
J. McBirney.....	do.	933.33	.....	.....	933.33
Louis Metsker.....	do.	666.65	.....	.....	666.65
A. J. Payne.....	do.	133.34	.....	.....	133.34
H. B. Adair.....	Inspector, at \$1,500.	875.00	.....	.....	875.00
H. M. Ball.....	do.	375.00	.....	.....	375.00
W. C. Barth.....	do.	125.00	.....	.....	125.00
R. J. Blanche.....	do.	875.00	.....	.....	875.00
G. A. Bond.....	do.	125.00	.....	.....	125.00
C. H. Bugbee.....	do.	875.00	.....	.....	875.00
Lowell Clarke.....	do.	250.00	.....	.....	250.00
R. N. Drake.....	do.	875.00	.....	.....	875.00
F. C. Eells.....	do.	500.00	.....	.....	500.00
W. R. Fleming.....	do.	875.00	.....	.....	875.00
Jno. S. Grove.....	do.	316.67	.....	.....	316.67
H. J. Hammond.....	do.	625.00	.....	.....	625.00
D. C. Hanawalt.....	do.	875.00	.....	.....	875.00
J. J. Hayes.....	do.	750.00	.....	.....	750.00
W. E. Howe.....	do.	875.00	.....	.....	875.00
E. N. Hutchinson.....	do.	875.00	.....	.....	875.00
J. O. Jacobs.....	do.	875.00	.....	.....	875.00
P. I. Kershner.....	do.	875.00	.....	.....	875.00
J. A. Kiernan.....	do.	125.00	.....	.....	125.00
M. S. Lantz.....	do.	875.00	.....	.....	875.00
Louis Metsker.....	do.	250.00	.....	.....	250.00
Chester Miller.....	do.	312.50	.....	.....	312.50
J. W. Parker.....	do.	375.00	.....	.....	375.00
A. J. Pistor.....	do.	875.00	.....	.....	875.00
R. A. Ramsay.....	do.	125.00	.....	.....	125.00
Hugh M. Rowe.....	do.	875.00	.....	.....	875.00
W. A. Savage.....	do.	875.00	.....	.....	875.00
N. B. Smith.....	do.	875.00	.....	.....	875.00
Geo. E. Totten.....	do.	875.00	.....	.....	875.00
N. L. Townsend.....	do.	745.83	.....	.....	745.83
Thos. White.....	do.	625.00	.....	.....	625.00
A. E. Wight.....	do.	125.00	.....	.....	125.00
W. W. Worcester.....	do.	625.00	.....	.....	625.00
N. V. Boyce.....	Inspector, at \$1,400.	350.00	.....	.....	350.00
G. W. Browning.....	do.	583.33	.....	.....	583.33
E. J. Carey.....	do.	116.66	.....	.....	116.66
W. S. Cass.....	do.	233.33	\$7.55	\$68.00	308.88
H. H. Collins.....	do.	116.66	.....	.....	116.66
S. E. Cosford.....	do.	116.66	.....	.....	116.66
C. W. Deming.....	do.	816.66	.....	.....	816.66
E. J. Foreman.....	do.	785.55	.....	.....	785.55
H. J. Hammond.....	do.	233.33	.....	.....	233.33
H. J. Hancock.....	do.	700.00	.....	.....	700.00
J. J. Hayes.....	do.	116.66	.....	.....	116.66
W. H. Hurst.....	do.	116.67	.....	.....	116.67
M. Imes.....	do.	466.66	.....	.....	466.66
W. L. Johnson.....	do.	816.66	.....	.....	816.66
W. F. Jones.....	do.	816.66	.....	.....	816.66
H. R. McNally.....	do.	816.66	.....	.....	816.66
Wm. M. MacKellar.....	do.	816.66	.....	.....	816.66
F. E. Murray.....	do.	350.00	.....	.....	350.00
L. A. Nutting.....	do.	116.66	.....	.....	116.66
I. W. O'Rourke.....	do.	858.33	.....	.....	858.33
T. S. Rich.....	do.	816.66	.....	.....	816.66
John M. Simpson.....	do.	700.00	.....	.....	700.00
N. L. Townsend.....	do.	116.66	.....	.....	116.66
R. H. Tracy.....	do.	116.66	.....	.....	116.66
Thos. White.....	do.	233.33	.....	.....	233.33
W. W. Worcester.....	do.	233.33	.....	.....	233.33
Ed. R. Allen.....	Assistant inspector, at \$1,200.	300.00	98.70	.....	398.70
A. L. Bailey.....	do.	692.22	.....	.....	692.22
C. R. Behler.....	do.	600.00	.....	.....	600.00
W. J. Bracken.....	do.	100.00	.....	.....	100.00
W. J. Butler.....	do.	100.00	.....	.....	100.00

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
L. S. Campbell	Assistant inspector, at \$1,200.	\$292.22			\$292.22
W. F. Crewe	do.	100.00			100.00
B. C. Davis	do.	100.00			100.00
T. J. Eagle	do.	100.00			100.00
J. E. Ellis	do.	36.67	\$29.95		66.62
Fred Evans	do.	100.00			100.00
R. J. Foster	do.	100.00	70.90		170.90
F. J. Glynn	do.	100.00			100.00
Wm. Hamilton	do.	663.33			663.33
C. C. Heacock	do.	526.67			526.67
L. M. Hurt	do.	113.33			113.33
W. H. Hurst	do.	200.00			200.00
F. L. Kampschmidt	do.	70.00			70.00
W. H. Lytle	do.	300.00			300.00
S. W. McClure	do.	400.00			400.00
W. H. Martin	do.	156.67	71.25		227.92
O. W. Noyes	do.	700.00			700.00
J. P. O'Connor	do.	400.00			400.00
Frank Parker	do.	700.00			700.00
X. I. Richmond	do.	350.00			350.00
E. S. Roberts	do.	486.67			486.67
Wilhelm Schumacher	do.	200.00			200.00
John M. Simpson	do.	33.33			33.33
W. A. Skinner	do.	500.00			500.00
O. A. Stingley	do.	86.67			86.67
Laomer West	do.	700.00			700.00
C. J. Young	do.	573.33			573.33
N. R. Adams	Field stock examiner, at \$1,000	458.33			458.33
H. E. Armstrong	do.	583.33			583.33
A. H. Bibb	do.	500.00			500.00
C. A. Brown	do.	583.33			583.33
O. W. Byrd	do.	280.54			280.54
F. C. Cooley	do.	525.00			525.00
H. D. Freeman	do.	358.33			358.33
S. D. Gillett	do.	583.33			583.33
W. Gobble	do.	291.66			291.66
M. T. Hascall	do.	583.33			583.33
D. R. Hodges	do.	583.33			583.33
De Lannes Howard	do.	502.78			502.78
R. E. L. Jackson	do.	250.00			250.00
T. J. Lowry	do.	250.00			250.00
H. L. McDonald	do.	375.00			375.00
J. C. Massie	do.	583.33			583.33
J. Merrill	do.	583.33			583.33
J. C. Oren	do.	458.32			458.32
F. O. Petty	do.	583.33			583.33
W. F. Pflaeving	do.	583.33			583.33
W. S. Fidecock	do.	250.00			250.00
Wm. Proudfoot	do.	250.00			250.00
T. B. Rea	do.	372.22			372.22
Thos. Redmond	do.	583.33			583.33
Isaiah Richards	do.	583.33			583.33
F. W. Schatzell	do.	250.00			250.00
H. Singleton	do.	499.98			499.98
A. J. Smith	do.	583.33	239.25		822.58
E. O. Speake	do.	166.66			166.66
W. L. Upton	do.	416.66			416.66
Colin Campbell	Special field stock examiner, at \$1,000.	166.67			166.67
A. L. Simons	Special agent, at \$1,000	558.33			558.33
W. R. Dennis	Stock examiner, at \$1,000	583.33			583.33
A. G. Bibb	Stock examiner, at \$900	130.00			130.00
E. A. Bundy	do.	190.00			190.00
C. E. Campbell	do.	187.50			187.50
C. C. Conley	do.	110.00			110.00
F. Jelen	do.	150.00			150.00
H. L. McDonald	do.	187.50			187.50
R. G. Merrill	do.	525.00			525.00
G. H. Robinson	do.	260.00			260.00
C. F. Rork	do.	225.00			225.00
C. K. Schafer	do.	75.00			75.00
S. I. Valentine	do.	225.00			225.00
D. N. Wheeler	do.	187.50			187.50
W. E. Burrows	Tagger, at \$840	161.00			161.00
E. Gilmore	do.	490.00			490.00

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
C. E. Verry.....	Tagger, at \$840.....	\$161.00			\$161.00
G. F. Babb.....	Tagger, at \$720.....	98.00			98.00
A. S. Brown.....	do.....	50.00			50.00
W. E. Burrows.....	do.....	282.00			282.00
D. W. Connor.....	do.....	300.00			300.00
G. T. Creech.....	do.....	240.00			240.00
F. C. Dauncey.....	do.....	180.00			180.00
Geo. M. Dishong.....	do.....	60.00			60.00
Leon Durham.....	do.....	180.00			180.00
Jas. C. Exline.....	do.....	180.00			180.00
Jno. H. Folts.....	do.....	240.00			240.00
B. F. Gooch.....	do.....	180.00	\$294.00		474.00
G. A. Hanvey, jr.....	do.....	180.00	313.45		493.45
J. M. Lawson.....	do.....	180.00			180.00
J. C. Leyser.....	do.....	70.00			70.00
R. C. Livers.....	do.....	420.00			420.00
C. E. Moore.....	do.....	180.00			180.00
L. W. Morrissey.....	do.....	272.00			272.00
R. R. Newman.....	do.....	180.00			180.00
E. R. O'Neil.....	do.....	180.00			180.00
F. C. O'Rourke.....	do.....	180.00			180.00
J. L. Osborn.....	do.....	420.00			420.00
J. C. Reid.....	do.....	360.00			360.00
C. R. Robinson.....	do.....	240.00			240.00
F. C. Sigrist.....	do.....	150.00			150.00
H. A. Smith.....	do.....	258.00			258.00
E. S. Spindler.....	do.....	420.00			420.00
C. G. Sutton.....	do.....	180.00			180.00
C. E. Verry.....	do.....	282.00			282.00
F. R. Washburne.....	do.....	240.00			240.00
J. H. Webster.....	do.....	420.00			420.00

Total amount paid for salaries outside of Washington under above appropriation, \$70,646.79.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
American Linen Supply Co.....	\$6.00	Quick Hawk.....	\$10.00
The Cordes & Feldhauser Carpet Co.....	34.80	Rufus B. Merchant, disbursing clerk, Post-Office Department.....	2.40
Z. D. Gilman.....	45.00		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$98.20.

FURNITURE.

The Cooper & Powell Furniture Co..	\$59.75	The Jas. G. Kilpatrick Furniture Co..	\$77.30
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Total amount paid for furniture under above appropriation, \$137.05.

TELEPHONE.

The Colorado Telephone Co.....	\$24.15	Rocky Mountain Bell Telephone Co..	\$45.00
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Total amount paid for telephone under above appropriation, \$69.15.

RENT.

F. Auerbach & Bro.....	\$240.00	James Leonard.....	\$180.00
E. G. Garcia, agent.....	112.00	St. James Hotel Co.....	44.00

Total amount paid for rent under above appropriation, \$576.

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

TRAVELING EXPENSES.

Name.	Amount.	Name.	Amount.
N. R. Adams.....	\$529.35	U. G. Houck.....	\$22.00
Ed. R. Allen.....	98.70	De Lannes Howard.....	387.25
J. Anglicker.....	35.25	W. E. Howe.....	206.90
H. E. Armstrong.....	768.96	H. J. Hoyman.....	54.75
G. F. Bab.....	209.20	W. H. Hurst.....	237.50
A. L. Bailey.....	465.70	L. M. Hurt.....	58.25
H. M. Ball.....	326.05	E. N. Hutchinson.....	747.15
W. C. Barth.....	192.10	M. Imes.....	241.80
C. R. Behler.....	345.01	R. E. L. Jackson.....	315.00
A. G. Bibb.....	106.30	J. O. Jacobs.....	491.20
A. H. Bibb.....	372.19	F. Jelen.....	117.47
A. M. Blackwell.....	51.50	W. L. Johnson.....	241.75
R. J. Blanche.....	339.64	C. A. Johnston.....	92.57
G. A. Bond.....	86.35	W. F. Jones.....	397.55
J. C. Bowman.....	110.75	F. L. Kampschmidt.....	126.95
N. V. Boyce.....	190.65	P. I. Kershner.....	209.35
W. J. Bracken.....	42.20	J. A. Kiernan.....	193.30
A. S. Brown.....	97.60	M. S. Lantz.....	357.89
C. A. Brown.....	193.40	J. M. Lawson.....	285.25
G. W. Browning.....	86.60	J. C. Leyser.....	246.30
C. H. Bugbee.....	560.34	R. C. Livers.....	711.25
E. A. Bundy.....	359.25	T. J. Lowry.....	191.30
W. E. Burrows.....	475.40	W. H. Lytle.....	156.30
O. W. Byrd.....	119.05	J. McBirney.....	671.65
C. E. Campbell.....	171.10	G. P. McCabe.....	7.50
Colin Campbell.....	203.45	S. W. McClure.....	303.36
L. S. Campbell.....	222.10	H. L. McDonald.....	238.05
E. J. Carey.....	88.75	H. R. McNally.....	464.50
W. S. Cass.....	7.55	W. M. MacKellar.....	83.85
Lowell Clarke.....	262.14	W. H. Martin.....	71.25
H. H. Cohenour.....	138.95	J. C. Massie.....	701.90
H. H. Collins.....	81.50	Jay Merrill.....	789.25
C. C. Conley.....	104.15	R. G. Merrill.....	169.63
D. W. Conner.....	50.35	Louis Metsker.....	57.00
F. C. Cooley.....	703.40	Chester Miller.....	271.30
C. M. Coulter.....	33.25	C. E. Moore.....	161.25
W. W. Crandall.....	25.15	L. W. Morrissey.....	351.23
G. T. Crech.....	217.40	R. M. Mullings.....	53.40
W. F. Crewe.....	71.65	F. E. Murray.....	181.05
W. M. Cummins.....	56.00	R. R. Newman.....	280.56
N. G. Cunningham.....	24.50	O. W. Noyes.....	625.45
F. C. Dauncey.....	352.34	L. A. Nutting.....	58.20
E. T. Davison.....	16.65	J. P. O'Connor.....	152.90
W. E. Day.....	83.80	E. R. O'Neil.....	194.85
C. W. Deming.....	174.65	J. C. Oren.....	446.39
W. R. Dennis.....	556.85	F. C. O'Rourke.....	259.03
G. M. Dishong.....	97.80	I. W. O'Rourke.....	448.75
R. N. Drake.....	424.75	J. L. Osborn.....	354.05
Leon Durham.....	252.77	Frank Parker.....	514.45
T. J. Eagle.....	17.00	J. W. Parker.....	137.80
F. C. Eells.....	278.10	A. J. Payne.....	121.97
J. E. Ellis.....	29.95	F. O. Petey.....	345.75
J. C. Exline.....	265.35	W. F. Pfäging.....	530.30
J. G. Fish.....	115.96	W. S. Pidecock.....	145.60
W. R. Fleming.....	381.80	A. J. Pistor.....	340.35
J. H. Foltz.....	233.25	Wm. Proudfoot.....	200.95
E. J. Foreman.....	146.98	R. A. Ramsay.....	150.82
R. J. Foster.....	70.90	T. B. Rea.....	391.50
H. D. Freeman.....	346.00	Thos. Redmond.....	92.40
J. J. Gallagher.....	86.00	J. C. Reid.....	302.20
S. D. Gillett.....	550.00	T. S. Rich.....	247.20
E. Gilmore.....	17.50	Isalah Richards.....	847.65
F. J. Glynn.....	34.50	A. G. G. Richardson.....	57.13
W. Gobble.....	221.35	X. I. Richmond.....	174.00
B. F. Gooch.....	294.00	E. S. Roberts.....	67.45
J. S. Grove.....	115.40	C. H. Robinson.....	354.95
Wm. Hamilton.....	272.25	G. H. Robinson.....	234.20
H. J. Hammond.....	380.75	Chas. F. Rork.....	320.75
D. C. Hanawalt.....	491.95	H. M. Rowe.....	370.10
H. J. Hancock.....	460.35	W. A. Savage.....	584.58
G. A. Hanvey, Jr.....	237.05	C. K. Schafer.....	193.40
C. F. Harrington.....	59.60	E. P. Schaffter.....	5.70
A. C. Hart.....	80.75	F. W. Schatzell.....	248.75
M. T. Hascall.....	289.00	Wilhelm Schumacher.....	161.45
J. J. Hayes.....	472.75	F. C. Sigrist.....	249.94
C. C. Heacock.....	153.45	A. L. Simons.....	508.20
L. C. Henderson.....	15.50	J. M. Simpson.....	312.45
G. S. Hickox.....	455.35	H. Singleton.....	626.70
D. R. Hodges.....	473.00	W. A. Skinner.....	344.50
A. A. Holcombe.....	238.01	J. A. Sloan.....	37.80

Expenditures of the Bureau of Animal Industry, Department of Agriculture, etc.—Continued.

TRAVELING EXPENSES—Continued.

Name.	Amount.	Name.	Amount.
A. J. Smith.....	\$239.25	C. E. Verry.....	\$641.10
H. A. Smith.....	400.80	G. D. Warner.....	114.15
N. B. Smith.....	321.00	F. R. Washburne.....	241.10
E. O. Speake.....	57.70	J. H. Webster.....	137.35
E. S. Spindler.....	613.68	Laomer West.....	429.95
J. A. Stauffer.....	71.50	W. L. West.....	34.63
O. A. Stingley.....	87.45	F. W. Weston.....	86.10
C. G. Sutton.....	212.40	D. N. Wheeler.....	175.20
G. E. Totten.....	258.90	Thos. White.....	383.65
N. L. Townsend.....	212.25	A. E. Wight.....	11.75
R. H. Treacy.....	104.90	W. W. Worcester.....	330.75
W. L. Upton.....	346.11	C. J. Young.....	529.45
S. I. Valentine.....	123.65	C. H. Zink.....	28.00

Total amount paid for traveling expenses under above appropriation, \$46,765.48.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

A. A. Holcombe.....	\$6.00	W. S. Cass.....	\$68.00
Louis Metsker.....	212.22	C. W. Deming.....	1.50
R. A. Ramsay.....	8.00	R. G. Merrill.....	210.00
N. L. Townsend.....	175.00		

Total amount paid for station and field expenses under above appropriation, \$680.72.

Total amount of emergency appropriation made by Congress on January 15, 1904, to be available in 1904 and 1905 for eradicating contagious diseases of animals and for cotton boll-weevil investigations..... \$500. 00.00

The amount allotted to the Bureau of Animal Industry by the Secretary of Agriculture for eradicating contagious diseases of animals was..... 253,500.00
The expenditures during the fiscal year ended June 30, 1904, were..... 133,501.03

Leaving available balance for the fiscal year ended June 30, 1905, of..... 119,998.97
Total expenditures during the fiscal year ended June 30, 1905, as shown by the foregoing groups, were..... 118,973.39

Balance..... 1,025.58
Repayments to appropriation through Treasury during the fiscal year..... 164.39

Total unexpended balance..... 1,189.97

Recapitulation of the several appropriations for the Bureau of Animal Industry as distributed among the following groups, and the total expenditures under each.

Statutory salaries.....	\$83,564.32
Lump fund salaries in Washington.....	82,486.71
Lump fund salaries outside of Washington.....	1,169,412.67
Stationery.....	3,666.23
Miscellaneous supplies and services, equipment, books, apparatus, machinery, and laboratory materials of all kinds.....	106,697.65
Furniture.....	1,016.71
Fuel.....	405.60
Freight.....	1,656.35
Express.....	267.02
Telegraph.....	302.19
Telephone.....	2,292.84
Rent.....	15,362.24
Gas and electricity.....	1,341.23
Traveling expenses.....	138,624.23
Station and field expenses.....	15,886.85

Total for entire Bureau of Animal Industry..... 1,622,982.84

Total amount of all appropriations for the Bureau of Animal Industry..... 1,633,088.01

Total expenditures as shown under the foregoing groups..... 1,622,982.84

Balance..... 10,105.17
Repayments to appropriation through Treasury..... \$854.78
By error in separating vouchers in Bureau of Animal Industry..... 7.18
861.96

Unexpended balance..... 10,967.13

Recapitulation of the several appropriations for the Bureau of Animal Industry, ect.—Contd.

PROJECTS.

The principal projects conducted by the Bureau of Animal Industry during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

Meat inspection.

This work was carried on at 151 abattoirs and packing houses located in 52 cities. It covers the ante-mortem and post-mortem inspection of animals slaughtered for food at establishments engaged in interstate and export trade, the condemnation and disposition of diseased carcasses, the branding and labeling of wholesome carcasses, stamping of packages for interstate and export trade, and the issuance of certificates to accompany exported products. The cost of the work for the year amounted to \$759,493.45 for salaries; \$5,365.56 for traveling expenses; \$69,807.20 for supplies and miscellaneous expenses; a total of..... \$834,666.21

Microscopic inspection of pork for export.

This work was conducted at 9 packing houses engaged in exporting pork products to certain countries requiring this inspection; it involves the taking of samples of meat from hog carcasses and the microscopic examination of these samples to determine whether they are free of trichinae; the proper disposition of carcasses found affected with trichinosis; the supervision of the stock of export product in the cellars; and the stamping of packages and certification of products for export. The cost was \$52,525.55 for salaries; \$26.10 for traveling expenses; \$3,767.37 for supplies and miscellaneous items; a total of..... 56,319.02

Inspection of animals for export.

This work is carried on at several of the more important stock yards and at the ports on the Atlantic coast. It includes a careful inspection of cattle, sheep, and horses intended for export to Europe and the rejection of those found to be diseased or otherwise unfit, and the inspection of vessels carrying such animals to determine whether they are properly equipped; certificates of inspection are issued for cattle; two inspectors are stationed in Great Britain for the purpose of observing and reporting upon the condition of the animals when they are landed. The cost of this work was \$63,867.12 for salaries; \$449.40 for traveling expenses; \$5,009.46 for supplies and miscellaneous items; a total of..... 69,385.98

Inspection of imported animals.

This work is conducted for the purpose of preventing the introduction of contagious animal diseases, and involves the inspection of animals imported from Mexico and Canada and through the seaports, and the maintenance of quarantine stations where the animals subject to quarantine are held for the required periods. The cost was \$27,241.80 for salaries; \$3,292.18 for traveling expenses; \$4,196.54 for miscellaneous items; a total of..... 34,730.52

Eradication of scabies in sheep and cattle.

This work was carried on principally in the range States and Territories and at feeding stations and stock yards. It involved the inspection and dipping of large numbers of cattle and sheep, the issuance of certificates, and the supervision of transportation and cleaning of cars. The cost was \$294,805.62 for salaries; \$106,469.38 for traveling expenses; \$4,347.25 for miscellaneous items; a total of..... 315,622.25

Eradication of maladie du coït in horses.

This work was confined to parts of the States of South Dakota, Nebraska, and Iowa; it included the inspection and quarantine of horses in those sections and the slaughter or castration of affected or exposed animals. The cost was \$4,469.17 for salaries; \$1,846.90 for traveling expenses; \$1,872.95 for purchase of animals and miscellaneous expenses; a total of..... 8,189.02

Inspection of southern cattle.

This work covers the enforcement of the quarantine against the area infested with ticks which convey the disease generally known as Texas, or Southern, fever, the supervision of the movement of cattle therefrom and of their transportation and handling in stock yards and cleaning of cars, in accordance with the regulations. The cost was \$43,677.76 for salaries; \$6,337.07 for traveling expenses; \$1,668.99 for miscellaneous items; a total of.... 51,683.82

Scientific investigations relating to animal diseases.

This work is carried on for the purpose of studying the causes of diseases affecting animals and of ascertaining the methods best adapted for controlling and curing them. It includes investigations and experiments along various lines; the preparation and distribution of blackleg vaccine, tuberculin, and mallein; and requires the maintenance of laboratories, an experiment station, and a library. The cost was \$79,026.41 for salaries; \$953.36 for traveling expenses; \$32,399.71 for supplies and miscellaneous items; a total of..... 112,379.48

Investigations in animal husbandry and experiments in breeding and feeding.

This work includes experiments in animal breeding and feeding in cooperation with State experiment stations, the collection of information relating to the breeding and feeding of farm animals, and the supervision of pedigree-record associations. The cost was \$10,046.56 for salaries; \$2,133.30 for traveling expenses; \$17,349.20 for miscellaneous expenses; a total of..... 29,529.06

Recapitulation of the several appropriations for the Bureau of Animal Industry, etc.—Contd.

Dairy investigations and inspection of dairy products.

This work covers general investigations in dairy subjects; special lines of work relating to dairy organizations, laws, and development of foreign markets; investigations in the manufacture of dairy products; inspection of dairy exports, and of factories and markets for renovated butter. The cost was \$28,541.64 for salaries; \$8,410.94 for traveling expenses; \$2,453.84 for miscellaneous items; a total of..... \$39,406.42

General supervision and miscellaneous work.

The general administrative work of the Bureau cost \$61,880.34 for salaries; \$2,709.73 for traveling expenses; \$6,386.40 for supplies and miscellaneous items; a total of..... 70,976.47

Expenditures of the Bureau of Plant Industry, Department of Agriculture, for the fiscal year ended June 30, 1905.

STATUTORY SALARIES, TRAVELING EXPENSES, AND STATION AND FIELD EXPENSES.

[Appropriation: Salaries, Bureau of Plant Industry, \$63,430.]

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
B. T. Galloway.....	Chief of bureau.....	\$4,500.00	\$446.05	.....	\$4,946.05
George T. Moore.....	Plant physiologist and pathologist, at \$2,750.	2,176.98	728.59	.....	2,905.57
E. F. Smith.....	do.....	572.91	5.35	.....	578.26
L. H. Dewey.....	Botanist.....	2,500.00	389.38	\$23.96	2,913.34
W. A. Taylor.....	Pomologist.....	2,500.00	141.94	31.80	2,673.74
A. S. Hitchcock.....	Agrostologist.....	2,500.00	493.89	.....	2,993.89
W. A. Orton.....	Assistant pathologist.....	1,800.00	565.81	.....	2,365.81
E. Brown.....	Assistant botanist.....	1,800.00	253.51	301.79	2,355.30
H. P. Gould.....	Assistant pomologist.....	1,800.00	555.40	.....	2,355.40
C. R. Ball.....	Assistant agrostologist.....	1,800.00	166.90	.....	1,966.90
James E. Jones.....	Chief clerk.....	1,999.99	.....	.....	.....
Nellie E. Fealy.....	Clerk, class 4.....	1,800.00	.....	.....	.....
D. S. Bliss.....	Clerk, class 3.....	1,600.04	230.86	.....	1,830.86
S. M. Huddleson.....	do.....	1,600.00	.....	.....	.....
B. C. Saunders.....	do.....	1,600.00	.....	.....	.....
H. A. Benner.....	Clerk, class 2.....	1,399.99	.....	.....	.....
Edmund Burke.....	do.....	1,399.99	.....	.....	.....
Otis H. Gates.....	do.....	1,392.21	.....	.....	.....
H. C. Gore.....	do.....	1,399.99	.....	.....	.....
Alvina Haas.....	do.....	1,399.99	.....	.....	.....
Carrie Harrison.....	do.....	1,399.98	.....	.....	.....
F. H. Hillman.....	do.....	1,399.99	.....	.....	.....
Mary M. McClure.....	do.....	1,399.99	.....	.....	.....
Ernest Morsell.....	do.....	1,399.99	.....	.....	.....
E. H. Bradley.....	Clerk, class 1.....	1,200.00	.....	.....	.....
L. J. Smith.....	do.....	450.00	.....	.....	.....
J. F. Brewer.....	do.....	750.00	.....	.....	.....
M. S. Cartan.....	do.....	1,200.00	.....	.....	.....
E. W. Cathcart.....	do.....	1,166.63	.....	.....	.....
Emily E. McDonell.....	do.....	1,200.00	.....	.....	.....
G. S. Meloy.....	do.....	1,100.00	.....	.....	.....
B. G. Johnson.....	do.....	100.00	.....	.....	.....
A. A. Newton.....	do.....	1,200.00	.....	.....	.....
W. E. Taylor.....	do.....	1,200.00	.....	.....	.....
David Waters.....	do.....	1,200.00	.....	.....	.....
R. P. Caruthers.....	Clerk, at \$1,000.....	1,000.00	.....	.....	.....
Byron Hunter.....	do.....	916.66	773.85	.....	1,990.51
K. W. Lane.....	do.....	1,000.00	.....	.....	.....
G. S. Meloy.....	do.....	83.30	.....	.....	.....
G. F. Klugh.....	do.....	916.70	161.95	.....	1,078.65
A. L. Scribner.....	do.....	1,000.00	.....	.....	.....
M. F. Warner.....	do.....	894.44	36.29	.....	930.73
A. P. Bixby.....	do.....	83.34	.....	.....	.....
F. S. Moise.....	Clerk, at \$900.....	900.00	.....	.....	.....
Ivar Tidestrom.....	do.....	562.50	10.10	.....	572.60
Fay Leonard.....	do.....	292.50	.....	.....	.....
E. M. Austin.....	Clerk, at \$840.....	840.00	.....	.....	.....
B. G. Ware.....	do.....	840.00	.....	.....	.....

Total amount paid for salaries under above appropriation, \$63,238.11.
Unexpended balance, \$191.89.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[Appropriation: Vegetable Pathological and Physiological Investigations, 1905, \$150,000. Immediately available appropriation 1905-6, \$4,670.83; in all, \$154,670.83.]

[In Washington.]

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
A. F. Woods.....	Pathologist and physiologist.....	\$3,000.00	\$474.41		\$3,474.41
Geo. T. Moore.....	Physiologist and algologist.....	625.00			
E. F. Smith.....	Pathologist, at \$2,750.....	2,176.98			
W. T. Swingle.....	Physiologist, at \$2,750.....	2,749.89	423.44		3,173.33
H. J. Webber.....	do.....	2,176.98	718.46		2,895.44
M. A. Carleton.....	Cerealist.....	2,500.00	427.63	\$186.90	614.53
F. L. Scribner.....	Special agent, at \$2,500.....	625.00		18.80	643.80
C. S. Scofield.....	Agriculturist, at \$2,250.....	187.50	457.30	17.14	661.94
C. O. Townsend.....	Pathologist.....	2,250.00	848.15	154.17	3,252.32
M. B. Waite.....	do.....	2,250.00	637.65		2,887.65
T. H. Kearney.....	Physiologist.....	1,999.99	977.90		2,977.89
C. L. Shear.....	Pathologist.....	1,999.99	711.88		2,711.87
A. C. Crawford.....	Pharmacologist, at \$1,800.....	450.00	60.80	16.84	527.64
W. M. Scott.....	Pathologist.....	1,800.00	418.76	51.94	2,270.70
J. E. Rockwell.....	Editorial clerk, at \$1,800.....	450.00			
W. W. Long.....	Clerk, at \$1,800.....	900.00			
F. W. Patterson.....	Mycologist.....	1,600.00	55.35		1,655.35
C. P. Hartley.....	Assistant in physiology.....	1,600.00	352.73	252.59	2,205.32
E. A. Bessey.....	Pathologist, at \$1,500.....	1,029.17	122.08		1,151.25
R. E. B. McKenney.....	Physiologist, at \$1,500.....	341.67			
W. R. Beattie.....	Assistant horticulturist, \$1,500.....	312.50	111.54	99.42	523.46
Jos. S. Chamberlain.....	Physiological chemist.....	1,500.00			
F. H. Wagner.....	Clerk.....	1,399.99			
L. S. Tenny.....	Assistant in pathology, \$1,200.....	750.00	708.55		1,458.55
J. B. Norton.....	Assistant in physiology.....	1,200.00	367.33		1,567.33
C. J. Brand.....	do.....	1,200.00	1,236.52		2,436.52
K. F. Kellerman.....	do.....	1,200.00	422.32		1,622.32
F. Hedges.....	Scientific assistant.....	1,200.00			
T. R. Robinson.....	Scientific assistant, \$1,200.....	950.00	160.18		1,110.18
J. B. Rorer.....	Scientific assistant.....	893.33			
A. D. Shamel.....	do.....	1,200.00	594.04		1,794.04
P. J. O'Gara.....	do.....	1,200.00	455.46		1,655.46
J. F. Brewer.....	Artist, at \$1,200.....	450.00			
J. J. van Leenhoff.....	Expert.....	1,200.00	85.10		1,285.10
J. C. Waite.....	Clerk, at \$1,200.....	350.00			
L. J. Smith.....	do.....	200.00			
S. M. Parker.....	do.....	1,196.67			
A. H. B. Kinney.....	do.....	1,200.00			
H. A. Miller.....	Scientific assist. in agronomy.....	1,000.00	661.64		1,661.64
E. C. Rittue.....	Gardener.....	1,000.00	652.15		1,652.15
D. Bisset.....	do.....	1,000.00			
M. V. Sweetnam.....	Stenographer and typewriter.....	500.04			
Pearl Woolverton.....	Clerk.....	1,000.00			
Eunice Oberly.....	do.....	666.70			
L. M. Estabrook.....	do.....	416.60			
D. B. Swingle.....	Assistant in pathology.....	960.00			
John O. Merwin.....	Scientific assistant, at \$960.....	941.33			
C. B. Brown.....	Scientific assistant in plant breeding.....	960.00	105.58		1,065.58
L. L. Harter.....	Scientific assistant.....	960.00	626.58		1,586.58
T. D. Beckwith.....	Expert in algology, at \$80 per month.....	720.00			
J. A. Gauges.....	Gardener, at \$900.....	150.00			
Jas. J. Kerr, jr.....	Plumber, at \$900.....	150.00			
Agnes Quirk.....	Laboratory aid, at \$840.....	805.00		50.62	855.62
F. L. Goll.....	Laboratory aid in physiology, at \$840.....	805.00		1.10	806.10
T. G. Ecton.....	Assistant and gardener.....	840.00			
W. E. Humphrey.....	Carpenter.....	840.00			
Hugh J. Fegan.....	Clerk, at \$840.....	455.00			
M. Ammen.....	Clerk and typewriter, at \$840.....	140.00			
W. L. Marcy.....	Typewriter and stenographer, at \$840.....	210.00			
F. L. Goll.....	Laboratory aid in physiology, at \$720.....	30.00			
Adeline Ames.....	Laboratory aid in pathology, at \$720.....	654.00			
S. Bergner.....	Aid in seed testing, at \$720.....	700.00			

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimburse- ment for station and field expenses.	
N. G. Holton.....	Assistant curator.....	\$720.00			
A. L. Kemball.....	Botanical clerk, at \$720.....	240.00			
J. L. Coit.....	Clerk, stenographer and type- writer, at \$720.....	278.00			
M. Kelley.....	Watchman.....	720.00			
G. R. Maxwell.....	Skilled laborer.....	720.00			
S. L. Keese.....	Laborer.....	720.00	\$11.25		\$731.25
I. L. Doyle.....	Clerk, at \$60 per month.....	270.00			
A. A. Ege.....	Stenographer and typewriter, at \$60 per month.....	60.00			
J. H. Thompson.....	Gardener, at \$660.....	165.00			
J. E. Page.....	Laborer.....	600.00			
J. V. Joyce.....	Unskilled laborer, at \$600.....	450.00			
H. W. Thompson.....	Scientific aid, at \$50 per month.....	175.00			
V. K. Charles.....	do.....	600.00	4.00		604.00
Alice Haskins.....	do.....	600.00			
L. P. Sprague.....	Expert, at \$50 per month.....	300.00			
Geo. Auhagen.....	Assistant expert, at \$50 per month.....	575.00			
Laura MacMorris.....	Stenographer and typewriter, at \$50 per month.....	50.00			
G. M. Curtin.....	Clerk, at \$50 per month.....	6.67			
R. E. Syphax.....	Laborer, at \$50 per month.....	406.67			
Agnes Quirk.....	do.....	25.00			
M. P. Dyre.....	do.....	600.00			
A. W. Bache.....	do.....	195.00			
G. M. Curtin.....	Clerk, at \$480 per annum.....	143.33			
S. L. Garner.....	Charwoman, at \$480.....	200.00			
Lola Adams.....	do.....	480.00			
Thos. Johnson.....	Unskilled laborer.....	480.00			
K. O'Dea.....	Emergency unskilled laborer, at \$40.....	46.66			
N. Main.....	do.....	46.66			
H. Dyson.....	do.....	46.66			
B. Bailey.....	do.....	46.66			
M. M. Becker.....	do.....	46.66			
L. M. Smith.....	Laborer, at \$40 per month.....	480.00			
W. S. Rand.....	Student assistant, at \$300.....	297.50			
E. E. Lower.....	do.....	272.50			
J. H. Winkler.....	Messenger boy, at \$300.....	237.50			
C. S. Mason.....	do.....	300.00			
L. T. Leonard.....	do.....	300.00			
J. B. Collins.....	do.....	107.49			
J. M. Bechtold.....	do.....	125.00			
A. F. Dameron.....	Unskilled laborer, at \$30 per month.....	360.00			
J. D. Rowen, jr.....	Student assistant, at \$25 per month.....	297.50			
E. S. Wimer.....	Library clerk, at \$25 per month.....	162.50			
Lillie Ryan.....	Unskilled laborer, at \$20.....	30.00			
A. Douglas.....	Emergency unskilled laborer, at \$4 per diem.....	36.00			
J. J. Lawless.....	Plumber, at \$4 per diem.....	120.00			
R. Augusterfer.....	Electric wireman, at \$3.50 per diem.....	63.00			
S. Bean.....	Carpenter, at \$3.50 per diem.....	49.00			
W. Halley.....	do.....	451.50			
A. J. Smith.....	Painter, at \$3.20 per diem.....	166.40			
J. F. Barghausen.....	Cabinetmaker, at \$3 per diem.....	93.00			
D. G. Cleland.....	Painter, at \$3 per diem.....	138.00			
J. Bertram.....	Emergency unskilled laborer, at \$1.50 per diem.....	3.00			
H. Brooks.....	do.....	45.00			
J. Connley.....	do.....	45.00			
J. W. Crockett.....	do.....	45.00			
H. R. Crump.....	do.....	110.25			
H. Douglas.....	do.....	15.00			
G. Fitzgerald.....	do.....	25.50			
R. H. Fitzpatrick.....	Laborer, at \$1.50 per diem.....	264.00			
T. Flynn.....	Emergency unskilled laborer, at \$1.50 per diem.....	45.00			

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
W. Gleason.....	Emergency unskilled laborer, at \$1.50 per diem.	\$9. 19	.....	.....	.....
J. Green.....	do.....	15. 00	.....	.....	.....
W. V. Jameson.....	do.....	15. 00	.....	.....	.....
H. Johnson.....	do.....	9. 19	.....	.....	.....
R. Jones.....	do.....	25. 50	.....	.....	.....
H. Lee.....	do.....	9. 00	.....	.....	.....
J. H. Mullings.....	do.....	3. 00	.....	.....	.....
H. Nichols.....	Unskilled laborer, at \$1.50 per diem.	28. 50	.....	.....	.....
E. Qualls.....	Emergency unskilled laborer, at \$1.50 per diem.	21. 00	.....	.....	.....
W. Reeves.....	do.....	16. 69	.....	.....	.....
M. B. Long.....	Unskilled laborer, at \$1 per diem.	5. 50	.....	.....	.....

Total amount paid for salaries in Washington under above appropriation, \$79,073.51.

[Outside of Washington.]

Newton B. Pierce.....	Pathologist.....	\$2, 750. 00	\$89. 70	\$1, 590. 25	\$4, 429. 95
P. H. Rolfs.....	do.....	2, 500. 00	1, 049. 48	367. 58	3, 917. 06
H. Metcalf.....	Pathologist, at \$150 per month.....	300. 00	46. 50	115. 89	462. 39
W. W. Cobey.....	Expert.....	1, 500. 00	778. 04	.....	2, 278. 04
G. G. Hedgecock.....	Assistant pathologist.....	1, 200. 00	565. 59	72. 40	1, 837. 99
P. Spaulding.....	Scientific assistant, at \$1,200.....	1, 130. 00	126. 41	.....	1, 256. 41
L. A. Fitz.....	Scientific assistant, at \$1,000.....	994. 45	165. 67	90. 13	1, 250. 25
H. F. Blanchard.....	Special agent, at \$800.....	133. 33	93. 57	16. 77	243. 67
W. G. Sackett.....	Special agent, at \$80 per month.....	160. 00	.....	7. 12	167. 12
E. Scott.....	Special agent, at \$90 per month.....	69. 00	.....	.....	.....
A. Carlyle.....	Special agent, at \$75 per month.....	900. 00	.....	.....	.....
J. E. Schaefer.....	do.....	115. 00	147. 10	.....	262. 10
E. F. Cole.....	Special agent, at \$70 per month.....	210. 00	.....	79. 75	289. 75
F. D. Kern.....	do.....	490. 00	.....	.....	.....
J. C. Marquis.....	do.....	210. 00	.....	.....	.....
E. A. Metcalfe.....	do.....	805. 00	.....	.....	.....
A. Keyser.....	Special agent, at \$720.....	660. 00	.....	.....	.....
M. B. Lacy.....	Laborer, at \$720.....	720. 00	.....	.....	.....
F. W. Faurot.....	Special agent, at \$60 per month.....	720. 00	.....	.....	.....
N. N. Lind.....	do.....	690. 00	.....	.....	.....
L. McCulloch.....	do.....	180. 00	.....	.....	.....
E. A. Metcalfe.....	do.....	30. 00	.....	.....	.....
J. E. Morrow.....	do.....	702. 00	.....	.....	.....
F. Stilwell.....	do.....	690. 00	.....	.....	.....
A. L. Stone.....	do.....	720. 00	.....	.....	.....
P. J. Wester.....	do.....	60. 00	68. 36	277. 76	406. 12
S. Balz.....	Special agent, at \$55 per month.....	275. 00	.....	.....	.....
G. E. Barnes.....	Laborer, at \$50 per month.....	450. 00	.....	.....	.....
O. O. Churchill.....	Special agent, at \$50 per month.....	400. 00	.....	.....	.....
T. S. Hunt.....	do.....	200. 00	.....	.....	.....
J. W. Jones.....	do.....	400. 00	.....	.....	.....
A. H. Leidigh.....	do.....	150. 00	371. 41	39. 21	560. 62
N. N. Lind.....	do.....	25. 00	.....	.....	.....
P. J. Neuman.....	do.....	123. 33	.....	.....	.....
P. J. Wester.....	do.....	350. 00	.....	.....	.....
W. M. Hays.....	Expert, at \$50 per month.....	283. 33	.....	.....	.....
C. T. Rumbold.....	Scientific aid, at \$50 per month.....	508. 33	185. 16	.....	693. 49
C. D. Franklin.....	Laborer, at \$50 per month.....	600. 00	.....	.....	.....
W. H. Osburn.....	do.....	250. 00	.....	.....	.....
C. L. Alexander.....	Special agent, at \$45 per month.....	90. 00	.....	.....	.....
G. D. McMillan.....	Laborer, at \$45 per month.....	90. 00	.....	.....	.....
W. A. Rountree.....	Unskilled laborer, at \$45 per month.....	157. 50	.....	.....	.....
C. L. Alexander.....	Special agent, at \$40 per month.....	400. 00	.....	.....	.....
W. Ashby.....	do.....	373. 33	.....	.....	.....
L. L. Eames.....	do.....	360. 00	.....	.....	.....
J. E. Schaefer.....	do.....	100. 00	.....	.....	.....
L. H. McCullough.....	Scientific aid, at \$40 per month.....	80. 00	.....	.....	.....
S. M. Dupont.....	Clerk, at \$40 per month.....	17. 33	.....	.....	.....

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
J. Larson.....	Laborer, at \$40 per month....	\$400.00			
H. W. Stedman.....	do.....	373.33			
J. C. Arthur.....	Collaborator, at \$300.....	250.00			
E. C. Chilcott.....	do.....	300.00			
B. M. Duggar.....	do.....	300.00	\$365.29	\$21.10	\$686.39
A. M. Soule.....	do.....	50.00			
L. R. Jones.....	Collaborator, at \$200 per month....	600.00	35.51		635.51
W. A. Kellerman.....	Collaborator, at \$25 per month....	75.00			
J. H. Shepperd.....	do.....	300.00			
L. F. Childers.....	Student assistant, at \$25 per month....	300.00		5.45	305.45
W. H. Smith.....	Laborer, at \$25 per month....	50.00			
C. L. Davis.....	Unskilled laborer, at \$25 per month....	50.00			
L. R. Jones.....	Collaborator, at \$10 per month....	70.00			
I. L. Sheldon.....	Collaborator, at \$12 per annum....	2.00			
F. H. Blodgett.....	Collaborator, at \$1 per month....	2.00			
Thomas L. Lyon.....	do.....	11.00			
H. Metcalf.....	do.....	9.00			
Do.....	Collaborator, at \$15 per month....	15.00			
R. A. Moore.....	Collaborator, at \$1 per month....	12.00			
F. L. Stevens.....	do.....	2.00			
J. T. Willard.....	do.....	12.00			
O. Anselmino.....	Laborer, at \$1.50 per diem....	456.00			
H. Glover.....	do.....	91.50			
A. Moore.....	do.....	109.50			
W. A. Rountree.....	do.....	328.50			

Total amount paid for salaries, outside of Washington, under above appropriation, \$28,490.76.

STATIONERY.

Name.	Amount.	Name.	Amount.
R. P. Andrews & Co.....	\$248.70	Lamb & Tilden.....	\$0.30
R. Carter Ballantyne.....	7.63	Library Bureau.....	13.50
J. Baumgarten & Sons.....	1.05	E. Morrison Paper Co.....	151.36
Brentano's.....	18.50	Remington Typewriter Co.....	1.00
Buxton & Skinner Stationery Co.....	25.40	Wm. H. Rupp.....	1.75
R. P. Clark Co.....	8.52	Edw. S. Schmid.....	5.00
Saml. Cupples Envelope Co.....	24.00	W. L. Swayze.....	1.13
H. C. Davison & Co.....	58.48	D. Frank Parker.....	5.25
Dennison Manufacturing Co.....	7.60	Chas. G. Stott.....	4.40
H. & W. B. Drew Co.....	12.58	L. M. Underwood.....	6.02
John A. Dushane & Co.....	4.00	Union Envelope Co.....	250.94
The Maurice Joyce Co.....	.50	U. S. Envelope Co.....	4.35
Hammond Typewriter Co.....	2.80	Yawman & Erbe Manufacturing Co.....	4.20

Total amount paid for stationery under above appropriation, \$868.96.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

H. B. Acott.....	\$5.00	R. Carter Ballantyne.....	\$3.15
Frank Adam Electric Co.....	19.20	Barber & Ross.....	25.30
Henry M. Adams.....	34.72	E. Bartholemew.....	12.00
Alabama Nursery Co.....	2.93	Bausch & Lomb Optical Co.....	923.55
Alexander Seed Co.....	4.85	Christian Becker.....	32.33
A. S. Aloe Co.....	19.44	Becker's Lumber Co.....	27.30
R. P. Andrews Co.....	6.00	S. Bensinger & Co.....	2.50
Anthony & Scovill Co.....	1.13	Ernest Betz.....	78.25
Armour Fertilizer Works.....	132.50	James G. Biddle.....	385.95
Armour Fertilizer Co.....	19.50	F. W. Bolgiano & Co.....	7.20

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
E. Bowers.....	\$236.18	Hammond Typewriter Co.....	\$7.65
P. L. Brady.....	65.50	Louis Hartig.....	1.89
Brentano's.....	1.35	Arba Heald.....	60.00
Mary Brickell.....	120.00	Henry Heil Chemical Co.....	14.25
F. T. Budge.....	43.68	A. A. Heller.....	6.78
J. W. Bunch.....	24.00	A. Henderson.....	5.00
W. W. Burr.....	30.00	S. T. Heslington.....	118.00
R. C. M. Burton & Son.....	26.00	Chas. M. Higgins & Co.....	2.10
Capital Traction Co.....	22.50	E. G. Hill Co.....	28.00
Frederick Carl.....	43.50	Danl. Hiser.....	262.75
Challenge Windmill and Feedmill Co.	260.00	L. C. Hisserodt.....	164.65
John Chatillon & Sons.....	7.50	S. B. Hubbard Co.....	31.38
Chico Nursery Co.....	99.50	Hughes & Co.....	23.35
Church & Stephenson.....	964.99	D. M. Hughes.....	4.80
P. C. Claflin.....	1.75	Edgar J. Hulse.....	18.00
R. P. Clarke Co.....	7.00	Frank Hume.....	75.25
L. E. C. Colliere.....	40.00	J. E. Hurley.....	13.55
Continental Gin Co.....	.40	Indian Head Plantations.....	2,450.82
Continental Sugar Co. (Incorporated)	26.25	H. C. Irish.....	89.39
G. V. Cook.....	43.50	J. M. Johnson.....	182.47
M. G. Copeland Co.....	22.00	Maurice Joyce Engraving Co.....	11.20
W. W. Crosier.....	37.42	W. Junk.....	8.32
De Camp Fuel Co.....	111.36	Otto Katzenstein & Co.....	.30
Deere & Mansur Co.....	16.50	Keasby & Mattison Co.....	5.40
Delano & Moore.....	8.00	R. C. Keenan.....	475.55
Dennison Manufacturing Co.....	49.00	Isador Keller.....	396.00
Miss Flossie Denton.....	2.07	O. J. Kennedy.....	4.95
G. W. De Staebler.....	39.10	H. Kihnlein.....	12.50
Dougherty Bros. Tent and Awning Co.....	12.00	Geo. P. Killian.....	37.10
J. Douglas.....	28.29	Kimble Glass Co.....	13.81
H. A. Dreer.....	9.75	T. D. Knights.....	23.90
Dulin & Martin Co.....	4.16	The Kny-Scherer Co.....	1.50
P. Dumaige.....	97.46	Wm. Kraft.....	458.49
J. W. Dumford.....	44.50	Keuffel & Esser Co.....	7.18
M. Du Perow.....	30.64	D. S. Lake.....	9.40
S. M. Dupont.....	279.00	Lamb & Tilden.....	2.20
Dust Sprayer Manufacturing Co.....	29.50	Jas. B. Lambie.....	66.54
Wm. H. Dyer.....	72.00	F. & M. Lautenschlager.....	247.52
L. L. Eames.....	33.00	Robt. L. Latimer & Co.....	3.94
W. V. Eberly.....	26.00	Leggett & Bro.....	4.25
Chas. R. Edmonston.....	66.06	Lemcke & Buechner.....	23.60
Eimer & Amend.....	64.52	Chas. Lentz & Sons.....	5.80
T. B. Elliot.....	33.45	H. W. Lewis.....	17.10
The J. C. Ergood Co.....	24.00	Library Bureau.....	76.60
Erke Bros. Optical Co.....	274.33	Fred S. Lincoln.....	.80
John B. Espey.....	8.00	Philip Lindemeyer.....	5.20
Eureka Rubber Manufacturing Co.....	75.00	The M. Lindsey Rubber Co.....	1.42
A. J. Evans.....	46.00	The Livingston Seed Co.....	1.25
Evans & Caruthers.....	15.00	Los Angeles Pottery.....	19.25
The Fairbanks Co.....	90.00	Lutz & Co.....	39.50
E. D. Farnham.....	420.00	Mackall Bros.....	882.56
A. B. Farquhar Co.....	190.50	John H. Magruder.....	22.00
Geo. D. Feidt.....	79.94	Manhattan Electric Supply Co.....	3.32
Gustav Fischer.....	.25	F. P. May & Co.....	1.00
Folmer & Schwing Manufacturing Co.	128.33	McCrimmon & Co.....	53.52
Fort Dallas Land Co.....	60.00	J. A. McDonald & Co.....	60.74
Eugene C. Foster.....	52.00	S. J. McDonald.....	28.10
Chas. Freedman.....	18.00	A. J. McKee & Co.....	5.00
R. Friedlander & Son.....	134.18	W. A. McQue.....	100.00
Julien P. Friez.....	75.90	M. B. McRae.....	122.38
H. Fritz.....	5.00	Merck & Co.....	180.03
W. Fullgraft.....	19.20	Meyer Bros. Drug Co.....	39.20
Funk & Wagnalls Co.....	1.00	Miami Boat Works.....	15.15
Robert Gair Co.....	74.42	Miami Novelty Works.....	10.00
Flossie Garner.....	1.00	Francis Miller.....	32.20
Fred Gear.....	1.00	M. C. Mitchell.....	336.74
T. Giffin.....	6.00	E. Moore.....	9.00
Z. D. Gilman.....	309.95	E. Morrison Paper Co.....	126.30
James Good.....	13.62	Mount Arbor Nurseries.....	6.70
Goulds Manufacturing Co.....	15.98	Chas. A. Muddiman & Co.....	1.20
C. A. Graves.....	13.00	John Muller.....	245.00
Great Bear Spring Co.....	4.00	Multum in Parvo Binder Co.....	1.50
Henry J. Green.....	20.50	J. J. Murphy.....	39.05
A. Y. Greer.....	8.00	W. A. Murray.....	6.10
Emil Greiner.....	64.65	Geo. F. Muth & Co.....	104.76
Greiner & Friedrichs.....	47.84	National Electric Supply Co.....	161.58
J. M. Griffith Co.....	598.98	J. P. Nawrath.....	3.57
D. J. Griffiths.....	24.00	Nicotine Manufacturing Co.....	6.50
Haller & Cornell Wall Paper Co.....	51.05	Northrup, King & Co.....	30.06
		Wm. F. Nolte.....	130.00

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
The Okonite Co. (Limited).....	\$6.25	L. P. Stone.....	\$30.00
Oliver Typewriter Co.....	3.00	A. V. Stubenrauch.....	20.00
Pacific Coast Manufacturing Co.....	171.04	E. D. Swan.....	90.00
F. O. Painter Fertilizer Co.....	16.95	W. L. Swayze.....	101.50
Pennington Foundry and Heater Co.....	14.40	The Sydney Ross Co.....	4.25
Wallace Perkins.....	31.03	G. L. Taber.....	255.00
Peters & Skinner.....	18.00	Arthur H. Thomas Co.....	546.00
N. B. Pierce.....	500.00	Thomsen Planing Mill Co.....	28.95
Phoenix Nursery Co.....	24.00	J. M. Thorburn & Co.....	3.38
Ploff-McKinnon Co.....	80.54	J. S. Topham.....	10.50
Polar Wave Ice and Fuel Co.....	31.00	J. R. Torrey Razor Co.....	37.50
J. F. Pool.....	50.00	Wm. Trelease.....	72.17
Potomac Electric Power Co.....	11.04	L. M. Underwood.....	6.00
E. J. Pullman.....	145.74	Underwood Typewriter Co.....	170.00
J. Quirk.....	3.00	Union Electric Light and Power Co.....	18.00
Thos. Ragan.....	12.00	U. S. Mailing Case Co.....	2.80
Rand, McNally & Co.....	3.13	Utah Sugar Co.....	75.52
Randolph Paper Box Co.....	102.00	J. M. Van Meter.....	8.55
John C. Rau.....	.90	D. N. Walford.....	3.00
Dr. H. Rehm.....	8.00	J. T. Walker Sons.....	19.25
Hugh Reilly.....	8.07	Chas. Warner.....	12.50
Remington Typewriter Co.....	251.25	Washington Granite Monumental Co.....	2.00
Geo. F. Revelle.....	351.69	Washington Rwy. and Electric Co.....	5.00
A. C. Rowe.....	36.00	Waterbury Battery Co.....	.93
Rudolph, West Co.....	73.23	J. W. Watson.....	63.05
Dr. Domenico Saccardo.....	64.27	A. L. Webb & Sons Branch.....	23.35
C. L. Saers & Son.....	185.00	Oswald Weigel.....	42.82
E. H. Sargent & Co.....	52.75	Emil Wellauer.....	7.00
W. S. Sanders.....	9.00	Western Packing Co.....	25.00
Edward S. Schmid.....	28.00	Whitall, Tatum Co.....	170.04
F. A. Schmidt.....	40.00	Woodward & Lothrop.....	16.35
Schneider Bros.....	17.60	Chas. White.....	15.00
Scientific Engraving Co.....	4.75	Whittier-Coburn Co.....	746.70
Flo Scott.....	100.00	Warren M. Whyte.....	13.00
Seabury & Johnson.....	6.00	J. B. Wight.....	15.00
A. B. Seymour.....	31.04	N. L. Willett Drug Co.....	.66
W. S. Sheetz.....	875.74	W. R. Williams.....	67.55
E. W. Shepard.....	10.00	Willyoung & Gibson Co.....	27.50
F. W. Shuttleworth.....	69.35	Mrs. A. A. Winfield.....	.16
Thos. Somerville & Sons.....	571.18	A. Wissler Instrument Works.....	19.50
E. J. Spangler Co.....	8.68	M. B. Wright.....	83.15
Spencer Lens Co.....	375.69	T. W. Wood & Sons.....	4.90
Standard Oil Co.....	5.70	S. D. Woodruff & Sons.....	5.00
Stark Bros. Nurseries and Orchard Co.....	196.16	Yawman & Erbe Manufacturing Co.....	62.23
G. E. Stechert.....	95.30	F. Yaple.....	18.90
J. Steckler Seed Co.....	4.87	Younger & Co.....	11.69
Sternberg Manufacturing Co.....	6.15	Carl Zeiss.....	1.10
D. W. Stockstill.....	32.50	A. Zichtl.....	26.90
C. H. Stoelting Co.....	22.32		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$23,943.37.

FURNITURE.

Ernest Betz.....	\$1.50	The Fred Macey Co. (Limited).....	\$57.00
F. F. Budge.....	47.50	Francis Miller.....	2.16
Doten-Dunton Desk Co.....	63.00	W. B. Moses & Sons.....	472.61
M. Du Perow.....	2.04	Remington Typewriter Co.....	82.00
W. O. Gottwals.....	163.33	Jas. S. Topham.....	1.00
J. E. Hurley.....	4.00	Rudolph, West & Co.....	1.36
Lansburgh & Bro.....	26.58	Woodward & Lothrop.....	285.40
Library Bureau.....	40.80	Yawman & Erbe Manufacturing Co.....	215.66
Fred S. Lincoln.....	170.25		

Total amount paid for furniture under above appropriation, \$1,636.19.

FREIGHT.

Baltimore and Ohio R. R. Co.....	\$25.70	International and Great Northern	
Chesapeake and Ohio Rwy. Co.....	1.22	R. R. Co.....	\$71.89
Florida East Coast Rwy.....	124.50	Pennsylvania R. R. Co.....	7.76
Fort Worth and Denver City Rwy.		Texas and Pacific Rwy. Co.....	34.94
Co.....	13.95	Washington and Southern R. R. Co.....	27.77

Total amount paid for freight under above appropriation, \$307.73.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

EXPRESS.

Name.	Amount.	Name.	Amount.
Adams Express Co.	\$407.71	Littlefield, Alvord & Co.	\$23.96
Baltimore and Ohio R. R. Co.	1.31	United States Express Co.	109.94
Knox Express Co.	31.61		

Total amount paid for express under above appropriation, \$574.53.

TELEGRAPH.

Postal Telegraph and Cable Co.	\$20.50	Western Union Telegraph and Cable Co.	\$92.40
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Total amount paid for telegraph under above appropriation, \$112.90.

TELEPHONE.

Bell Telephone Co. of Missouri.	\$104.00	Chesapeake and Potomac Telephone Co.	\$26.75
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Total amount paid for telephone under above appropriation, \$130.75.

RENT.

A. V. Barker.	\$140.00	A. M. Friedrichs.	\$245.00
M. J. Brisco.	245.00	H. V. Lansdale.	210.00
Amanda E. Brown.	90.00	Chas. T. Simpson.	210.00
F. E. Davis.	105.00	Tyler & Rutherford.	1,049.99

Total amount paid for rent under above appropriation, \$2,294.99.

GAS AND ELECTRICITY.

Laclede Gas Light Co.	\$38.18	Washington Gas Light Co.	\$122.10
Potomac Electric Power Co.	357.80		

Total amount paid for gas and electricity under above appropriation, \$518.08.

TRAVELING EXPENSES.

W. R. Beattie.	\$111.54	Geo. T. Moore.	\$728.59
H. Benton.	41.84	H. H. Mowry.	45.08
E. A. Bessey.	122.08	J. B. Norton.	367.33
C. H. Billingsley.	122.81	P. J. O'Gara.	455.46
C. J. Brand.	264.75	W. A. Orton.	158.74
E. B. Brown.	105.58	F. W. Patterson.	55.35
M. A. Carleton.	57.45	N. B. Pierce.	89.70
V. K. Charles.	4.00	C. E. Rittue.	652.15
W. W. Cobey.	592.14	T. R. Robinson.	160.18
L. C. Corbett.	71.40	P. H. Rolfs.	668.36
F. J. Cutter.	15.00	W. W. Rowles.	21.84
B. M. Duggar.	365.29	C. T. Rumbold.	185.16
Hugh J. Fegan.	53.21	J. E. Schaefer.	147.10
A. M. Ferguson.	72.15	C. L. Shear.	400.15
B. T. Galloway.	13.95	W. M. Scott.	418.76
W. W. Gilbert.	56.39	A. D. Shamel.	594.04
F. L. Goll.	1.10	E. F. Smith.	5.35
L. L. Harter.	626.58	P. Spaulding.	126.41
C. P. Hartley.	352.73	W. J. Spillman.	72.26
W. M. Hays.	93.98	W. T. Swingle.	96.49
G. G. Hedgcock.	565.59	C. O. Townsend.	617.94
L. R. Jones.	35.51	J. J. Von Leenhoff.	85.10
T. H. Kearney.	517.45	H. Von Schrenk.	295.77
K. F. Kellerman.	422.32	M. B. Waite.	637.65
Henry Kraemer.	95.26	H. J. Webber.	240.27
A. H. Leidigh.	61.02	P. J. Wester.	68.36
H. Metcalf.	46.50	A. F. Woods.	31.20
H. A. Miller.	136.76		

Total amount paid for traveling expenses under above appropriation, \$12,449.17.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

Name.	Amount.	Name.	Amount.
H. F. Blanchard	\$16.77	H. Metcalf	\$115.89
M. A. Carleton	90.40	N. B. Pierce	1,590.25
L. F. Childers	5.45	Agnes Quirk	50.62
E. F. Cole	79.75	P. H. Rolfs	314.43
B. M. Duggar	21.10	L. P. Roosa	1.75
L. A. Fitz	90.13	W. G. Sockett	7.12
S. W. Foster	42.10	W. M. Scott	51.94
J. G. Haney	59.60	C. O. Townsend	154.17
C. P. Hartley	252.59	H. Von Schrenk	1,013.27
G. G. Hedgcock	72.40	P. J. Wester	240.16

Total amount paid for station and field expenses under above appropriation, \$4,269.89.

Total amount of appropriation for Vegetable Pathological Investigations for 1905, including \$3,000 for rent and \$2,000 immediately available 1904-5	\$150,000.00
Amount of the immediately available appropriation under above heading for 1905-6, which became available on passage of act on March 3, 1905, and which was used prior to June 30, 1905	4,670.83

Total available appropriation	154,670.83
Total expenditures as shown by the foregoing groups	154,670.83

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
D. M. Hughes	Cultivation of land, \$30	\$4.80
Indian Head plantations	Tobacco raising, etc., \$2,400	2,450.82
R. C. Keenan	Cotton raising, etc., \$600	451.55
J. F. Pool	Watermelon raising, \$50	50.00
E. D. Swan	Cultivation of wheat, etc, \$10	10.00
E. D. Swan	Experimental crops, \$80	80.00
Mary Brickell (Miami, Fla.)	Experimental field	120.00
J. W. Bunch	do	24.00
Fort Dallas Land Co. (Dallas)	do	60.00
H. Fritz	do	5.00
D. J. Griffiths	do	24.00
R. C. Keenan	do	24.00
Isador Keller	do	396.00
W. A. McQuie	do	100.00
N. B. Pierce	do	500.00
G. L. Taber	do	255.00
Utah Sugar Co	do	30.00

[Appropriation: Pomological Investigations, \$45,926.21.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
G. B. Brackett	Pomologist	\$3,000.00	.....	.....	.....
S. H. Fulton	Assistant pomologist, \$1,800	1,650.00	\$687.61	.....	\$2,337.61
F. Lamson Scribner	Special agent, \$2,500 per annum	625.00	.....	.....	.....
W. P. Corsa	Assistant and clerk, \$1,600 per annum	226.63	.....	.....	.....
W. N. Irwin	do	1,600.00	.....	.....	.....
W. H. Ragan	Expert, \$1,600 per annum	1,600.00	.....	.....	.....
D. G. Passmore	Clerk, \$1,400 per annum	1,399.99	.....	.....	.....
Allen Dodge	Clerk, \$1,200 per annum	1,200.00	.....	.....	.....
M. J. Gorman	do	1,200.00	33.90	.....	1,233.90
E. C. Herriek	do	1,200.00	.....	.....	.....
G. H. Hecke	Expert, \$1,200 per annum	826.67	444.40	.....	1,271.07
B. Heiges	Artist, \$1,200 per annum	1,200.00	.....	.....	.....

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
A. C. Shepherd.....	Clerk, \$1,000 per annum.....	\$1,000.00			
J. F. Springer.....	do.....	83.34			
C. R. Thomas.....	Assistant messenger, \$840 per annum.....	772.34			
E. I. Schutt.....	Illustrator, \$720 per annum.....	720.00			
W. F. Fletcher.....	Scientific aid, \$600 per annum.....	423.33	\$46.42		\$469.75
W. K. Wonders.....	do.....	81.67	40.09		121.76
H. K. Corrick.....	Laborer, \$720 per annum.....	720.00			
R. Augusterfer.....	Lineman, \$60 per month.....	24.00			
E. H. Henderson.....	Electrician, \$60 per month.....	126.00			
W. K. Wonders.....	Scientific aid, \$480 per annum.....	80.00			
E. A. Hyde.....	Student assistant, \$300 per annum.....	152.50			
A. E. Gibson.....	Charwoman, \$480 per annum.....	380.00			
Do.....	Charwoman, \$420 per annum.....	87.50			
A. B. McDonald.....	Clerk, \$50 per month.....	8.33			
C. W. Dawson.....	Laborer, at \$45 per month.....	45.00			
Wallace Dann.....	Laborer, at \$40 per month.....	30.67			
C. L. Hall.....	do.....	480.00			
H. L. Skidmore.....	do.....	37.50			
J. A. Cratty.....	Plumber, \$4 per diem.....	112.00			
G. D. Daly.....	do.....	32.00			
E. G. Corrick.....	Painter, \$3.20 per diem.....	41.60			
C. K. Andrews.....	Carpenter, \$3 per diem.....	169.50			
J. F. Barghausen.....	do.....	6.00			
E. J. Bashford.....	Laborer, \$3 per diem.....	6.00			
Chas. Freedman.....	Carpenter, \$3 per diem.....	87.00			
R. L. C. Kopp.....	Painter, \$3 per diem.....	99.00			
A. J. Smith.....	Carpenter, \$3 per diem.....	48.00			
E. E. Young.....	Painter, \$3 per diem.....	99.00			
A. L. Elmore.....	Laborer, \$1.50 per diem.....	207.00			
George Lawson.....	do.....	18.00			
Charles Wilson.....	do.....	18.00			

Total amount paid for salaries in Washington under above appropriation, \$21,923.57.

[Outside of Washington.]

G. Harold Powell.....	Pomologist, \$2,500 per annum.....	\$2,500.00	\$1,384.62		\$3,884.62
George C. Husmann.....	Viticulturist, \$2,000 per annum.....	1,588.89	897.89		2,486.78
G. L. Stewart.....	Special agent, \$1,600 per annum.....	999.97	524.25		1,524.22
L. S. Tenny.....	Assistant pomologist, \$1,400 per annum.....	525.12			
H. M. White.....	Scientific aid, \$600 per annum.....	400.00	189.04		589.04

Total amount paid for salaries outside of Washington under above appropriation, \$6,013.98.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
E. J. Adams & Co.....	\$5.00	W. B. Brown.....	\$6.60
R. L. Anderson.....	28.96	Buffalo Cold Storage Co.....	143.48
R. P. Andrews & Co.....	31.50	R. E. Cochran & Co.....	131.50
Armour Fertilizer Works.....	26.15	Church & Stephenson.....	57.60
W. D. Aucter.....	10.00	E. G. Carrick.....	35.00
R. C. Ballantyne.....	3.06	H. G. Davidson & Co.....	14.62
F. C. Bancroft.....	557.50	A. V. Denham.....	2.00
Barber & Ross.....	2.15	Densmore Typewriter Co.....	81.50
Edwin W. Barnes.....	20.05	S. H. Derby.....	42.00
Barnhart Mercantile Co.....	28.98	Draper Mfg. Co.....	15.60
J. Baumgarten & Son.....	5.00	S. S. Drum.....	6.00
Bausch & Lomb.....	.80	Dulin & Martin.....	6.52
D. S. Beckwith.....	142.80	M. Du Perow.....	21.87
A. A. Baggs.....	11.25	W. H. Dyer.....	19.40
J. E. Brown.....	2.90	John G. Elbs.....	55.13
J. K. Brown.....	14.25	Electric Supply Co.....	1.68

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
Engels Sons Co.....	\$9.00	Okonite Company (Limited)	\$17.50
R. & J. Farquhar.....	36.00	Ozark Orchard Co.....	73.00
Geo. D. Feidt.....	.95	Pendleton & Vincent.....	6.00
Julien P. Friez.....	172.85	Geo. T. Powell.....	1,260.75
Robert Gair.....	3.21	H. L. Price.....	10.65
Fruit Growers Express.....	434.70	E. J. Fullman.....	109.02
Geo. O. Greene.....	2.40	Thomas Ragan.....	9.45
H. J. Green.....	12.00	Frank B. Read.....	25.00
Hale Georgia Orchard Co.....	195.80	G. P. Read.....	16.50
Hammerschlag Mfg. Co.....	7.50	Hugh Reilly.....	.36
Hammond Typewriter Co.....	17.35	Remington Typewriter Co.....	116.05
Wm. H. Hart.....	26.66	Mark Riegel.....	4.00
D. C. Hicks.....	22.50	C. L. Robinson.....	29.80
G. G. Hitchings.....	185.73	Rudolph, West & Co.....	6.42
Hubbs & Hastings Paper Co.....	112.80	Rueckheim Bros. & Eckstein.....	6.50
Joyce Engraving Co.....	1.00	F. A. Salisbury.....	50.00
A. Kahlert & Co.....	10.00	Alex Schmid.....	18.00
Geo. B. Katzenstein.....	32.05	F. A. Schmidt.....	35.37
Geo. D. Kellogg.....	780.00	Schneider Bros.....	10.50
Kellogg Switchboard Supply Co.....	42.55	F. Sharp & Son.....	30.77
Lamb & Tilden.....	1.50	W. S. Sheetz.....	327.94
J. A. Lambie.....	1.21	Smith Premier Typewriter Co.....	9.50
Mackall Bros.....	1.05	T. Somerville & Sons.....	186.28
The C. J. McCubben Co.....	3.00	Frank M. Soper.....	10.00
John A. Maney.....	6.88	Southside Mfg. Co.....	240.00
W. T. Mann.....	38.75	F. H. Speakman (administrator).....	16.00
Geo. R. Meeker & Co.....	20.41	Steckler Seed Co.....	2.00
G. C. Meier.....	2.75	W. L. Swayze.....	100.25
Merchants' Refrigerating Co.....	424.06	O. M. Taylor.....	5.78
Francis Miller.....	5.24	W. R. Turner.....	627.50
W. S. Miller Co.....	34.00	J. S. Topham.....	50.00
E. Morrison Paper Co.....	4.60	Underwood Typewriter Co.....	10.00
National Mortar Co.....	40.25	Union Envelope Co.....	19.60
E. Morrison Paper Co.....	23.60	G. Taylor Wade.....	32.64
W. M. Munson.....	3.30	Washington Market Co.....	19.85
Geo. F. Muth & Co.....	36.11	Washington Woodworking Co.....	3.50
National Electric Supply Co.....	79.50	Albert Wood.....	470.71
Clayton W. Nichols.....	351.79	J. R. Wyne.....	.90
J. A. Nicholson & Son.....	61.25		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$8,743.24.

FURNITURE.

Clark & Davenport.....	\$55.05	F. S. Lincoln.....	\$120.35
W. H. Hoeke.....	22.50	W. B. Moses & Sons.....	65.95
Woodward & Lothrop.....	92.19	Yawman & Erbe.....	162.25

Total amount paid for furniture under above appropriation, \$518.29.

FREIGHT.

Knox Express Co.....	\$45.61	Littlefield, Alvord & Co.....	\$2.94
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Total amount paid for freight under above appropriation, \$48.55.

EXPRESS.

Adams Express Co.....	\$134.88	United States Express Co.....	\$50.11
American Express Co.....	12.20	Wells-Fargo Co.....	20.30

Total amount paid for express under above appropriation, \$217.49.

TELEGRAPH.

Postal Telegraph Co.....	\$33.45	Western Union Telegraph Co.....	\$108.01
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Total amount paid for telegraph under above appropriation, \$141.46.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

TELEPHONE.

Name.	Amount.	Name.	Amount.
Chesapeake and Potomac Telephone Co.	\$16.20		

GAS AND ELECTRICITY.

Potomac Electric Power Co	\$72.75	Washington Gaslight Co	\$2.30
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Total amount paid for gas and electricity under above appropriation, \$75.05.

TRAVELING EXPENSES.

W. F. Fletcher.....	\$46.42	Guy L. Stewart.....	\$524.25
S. H. Fulton.....	687.61	L. S. Tenny.....	708.55
B. T. Galloway.....	9.49	R. H. True.....	59.00
M. J. Gorman.....	33.90	H. M. White.....	189.04
H. P. Gould.....	555.40	W. K. Wonders.....	40.09
G. H. Hecke.....	444.40	Wm. A. Taylor.....	141.94
Geo. C. Husmann.....	897.89	Southern Pacific Co, (bond-aided,	
G. Harold Powell.....	1,384.62	account settled in Treasury De-	
C. S. Scofield.....	15.65	partment).....	178.70

Total amount paid for traveling expenses under above appropriation, \$5,916.95.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

P. H. Rolfs.....	\$9.25	Wm. A. Taylor	\$31.80
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Total amount paid for station and field expenses under above appropriation, \$41.05.

Total amount of appropriation.....	\$43,500.00
Sale of pomological products (fruit).....	2,426.21
Total available appropriation.....	45,926.21
Total expenditures as shown by the foregoing groups.....	43,655.83
Balance.....	2,270.38
Repayments made to Treasury during year.....	2.34
Unexpended balance.....	2,272.72

[Appropriation: Botanical investigations and experiments, \$67,500.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[Out of Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
H. T. Marshall.....	Expert, \$125 per month.....	\$250.00	\$655.37		\$905.37
F. L. Lewton.....	Assistant, \$1,600 per annum.....	1,466.67	707.51		2,174.18
W. F. Wight.....	do.....	1,600.00	170.61		1,770.61
Martin L. J. Steele.....	Special agent, \$25 per month.....	25.00			
Mrs. L. S. Cowgill.....	Special agent, \$10 per month.....	28.33			
Adelbert Goss.....	do.....	29.00			
Tom O. Plunkett, jr.....	do.....	29.00			
F. H. Young.....	do.....	30.34			
August Duvel.....	Special agent, \$3 per day.....	27.00			
C. E. Leighty.....	do.....	350.67	67.95	\$19.85	438.47
V. K. Chestnut.....	Collaborator, \$300 per annum.....	300.00	218.40	255.39	773.79

Total amount paid for salaries outside of Washington under above appropriation, \$4,136.01.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Frederick V. Coville.....	Botanist in charge.....	\$3,000.00	\$473.95		\$3,473.95
O. F. Cook.....	Botanist in charge investigations in tropical agriculture, \$2,500 per annum.	104.17	155.30		259.47
Do.....	Botanist in charge investigations in tropical agriculture, \$2,750 per annum.	1,489.58			
L. H. Dewey.....	Botanist, \$2,500 per annum.....	92.77			
R. H. True.....	do.....	2,500.00	734.98	\$39.49	3,274.47
C. S. Scofield.....	Botanist in charge of grain investigations, \$1,800 per annum	1,200.00			
J. W. T. Duvel.....	Botanist, \$1,400 per annum.....	1,399.99	338.00		1,737.99
C. S. Scofield.....	Agriculturist, \$2,250 per annum	562.50			
A. C. Crawford.....	Pharmacologist, \$1,800 per annum.	1,350.00			
W. O. Richtmann.....	Pharmacognostical expert, \$1,600 per annum.	800.00	694.78		1,494.78
W. W. Stockberger.....	Expert, \$1,600 per annum.....	1,600.00	102.20		1,702.20
Ivar Tidestrom.....	Expert, \$720 per annum.....	30.00			
G. N. Collins.....	Assistant, \$1,800 per annum.....	1,650.00	32.95	15.15	1,698.10
W. E. Safford.....	Assistant curator.....	1,600.00			
B. L. Gardner.....	Scientific assistant, \$1,000 per annum.	166.60			
G. F. Klugh.....	do.....	83.30			
F. J. Tyler.....	do.....	166.67			
Ivar Tidestrom.....	Scientific assistant, \$900 per annum.	30.00			
Thos. B. Young.....	Scientific assistant, \$720 per annum.	510.00	151.53		661.53
C. B. Snellings.....	Laboratory assistant, \$750 per annum.	656.25			
M. L. Crosby.....	Scientific aid, \$720 per annum.	360.00			
W. L. Goss.....	Scientific aid, \$600 per annum.	150.00			
Miss Grace Graham.....	do.....	175.00			
Miss E. Sirrine.....	do.....	150.00			
Zoe Benton.....	Scientific aid, \$480 per annum.	81.33			
W. L. Goss.....	do.....	237.33			
S. C. Hood.....	do.....	454.67	58.86	146.63	660.16
Miss E. Sirrine.....	Scientific aid, \$40 per month.	98.67			
Jennie Tefft.....	do.....	125.33			
Miss H. M. Thompson.....	do.....	88.00			
Wm. A. Kemper.....	Aid, \$480 per annum.....	132.00			
Miss M. L. Crosby.....	Aid in seed testing, \$480.	240.00			
W. D. Holland.....	Student assistant, \$300 per annum.	25.00			
F. Lamson Scribner.....	Special agent, \$2,500 per annum	312.50			
C. D. Marsh.....	Special agent, \$125 per month.	416.67	431.42		848.09
Chas. Brand.....	Special agent, \$10 per month.	30.34			
W. W. Long.....	Clerk, \$1,800 per annum.....	450.00			
W. C. Pennywitt.....	do.....	1,800.00			
Alice Henkel.....	Clerk, \$1,600 per annum.....	1,600.00			
Miss A. P. Bixby.....	Clerk, \$1,000 per annum.....	83.33			
J. F. Springer.....	do.....	83.33			
Miss M. F. Warner.....	do.....	8.33			
Fay Leonard.....	Clerk, \$900 per annum.....	115.00			
Miss A. P. Bixby.....	Clerk, \$720 per annum.....	120.00			
Miss G. M. Johnson.....	do.....	360.00			
Do.....	Clerk, \$540 per annum.....	189.00			
Louise D. Hosier.....	Stenographer, \$60 per month.	188.00			
Miss E. M. Platt.....	Clerk, \$1.25 per day.....	17.50			
J. W. Olden.....	Gardener, \$780 per annum.....	65.00			
E. C. Morton.....	Watchman, \$720 per annum.....	684.00			
P. Scanlon.....	do.....	36.00			
Henry Hungerford.....	Messenger, \$600 per annum	550.00	2.00		552.00
Do.....	Messenger, \$480 per annum	40.00			
M. W. Patterson.....	do.....	480.00			
Annie Jamieson.....	Charwoman, \$480 per annum	480.00			
Maria Johnson.....	do.....	480.00			
Sadie A. George.....	Charwoman, \$40 per month.	110.00			
Do.....	Charwoman, \$20 per month.	180.00			
R. J. Augusterfer.....	Electrician, \$3.50 per day.....	45.50			
J. A. Cratty.....	Plumber, \$4 per day.....	44.00			
A. J. Smith.....	Painter, \$3.20 per day.....	22.40			
Somerville Bean.....	Carpenter, \$3.50 per day.....	73.50			
Geo. W. Been.....	Carpenter, \$3 per day.....	194.50			

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Chas. Freedman.....	Carpenter, \$3 per day.....	\$39.00	.....	.....	.....
Jas. T. Smith.....	do.....	24.00	.....	.....	.....
Frank J. Winters.....	do.....	105.00	.....	.....	.....
R. A. Bryant.....	Laborer, \$720 per annum.....	720.00	.....	.....	.....
M. Fraile.....	do.....	720.00	.....	.....	.....
E. D. Gould.....	do.....	720.00	.....	.....	.....
W. F. Timberlake.....	do.....	570.00	.....	.....	.....
J. O. Jolliff.....	Laborer, \$660 per annum.....	55.00	.....	.....	.....
G. C. Worthen.....	do.....	660.00	.....	.....	.....
R. H. Disney.....	Laborer, \$600 per annum.....	500.00	.....	.....	.....
C. B. Doyle.....	do.....	110.00	\$364.55	.....	\$474.55
C. M. Mansfield.....	do.....	325.00	4.90	.....	329.90
W. S. Orton, jr.....	do.....	200.00	.....	.....	.....
R. E. Syphax.....	do.....	193.33	.....	.....	.....
Harry Thompson.....	do.....	50.00	.....	.....	.....
J. W. Kelly.....	Laborer, \$540 per annum.....	225.00	3.50	.....	228.50
Miss E. G. Kennedy.....	Laborer, \$40 per month.....	40.00	.....	.....	.....
J. I. Milstead.....	Laborer, \$480 per annum.....	480.00	.....	.....	.....
Miss G. E. Bell.....	Laborer, \$40 per month.....	41.33	.....	.....	.....
John Burton.....	Laborer, \$1.50 per day.....	18.00	.....	.....	.....
Fred W. Clark.....	do.....	39.00	.....	.....	.....
J. V. Yonce.....	Skilled laborer, \$40 per month.....	40.00	.....	.....	.....
Esau Rembert.....	Unskilled laborer, \$1.50 per day.....	28.50	.....	.....	.....
Geo. H. Keppler.....	Unskilled laborer, \$1.25 per day.....	10.00	.....	.....	.....

Total amount paid for salaries in Washington under above appropriation, \$36,751.12.

STATIONERY.

Name.	Amount.	Name.	Amount.
R. P. Andrews.....	\$7.47	Chas. G. Stott & Co.....	\$3.25
Saml. Cupples Envelope Co.....	20.35	W. L. Swayze.....	56.65
Henry Lindennmeyer.....	6.98	Union Envelope Co.....	29.85
Morrison Paper Co.....	54.95	United States Envelope Co.....	3.41
Paper Manufacturing Co. of District of Columbia.....	14.40		

Total amount paid for stationery under the above appropriation, \$197.31.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Abercrombie & Fitch Co.....	\$55.52	T. T. Burkhart.....	\$2.50
P. G. Affleck.....	5.40	D. I. Bushnell & Co.....	3.00
Albright, Nell Co.....	32.40	Candex Manufacturing Co.....	4.50
Henry Allen.....	11.25	W. A. Cannon.....	8.00
American Can Co.....	14.39	Capital Traction Co.....	35.00
American Distribution Co.....	83.48	Frederick Carl.....	40.50
American Entomological Co.....	3.00	L. Chevallier.....	8.60
Elmer I. Applegate.....	3.00	Church & Stephenson.....	301.25
A. S. Armstrong.....	117.00	J. Ross Collins.....	24.17
Arthur H. Thomas Co.....	103.00	Columbia National Sand Dredging Co.....	4.00
R. Carter Ballantyne.....	21.40	M. G. Copeland.....	2.00
Barber & Ross.....	14.50	Jos. L. Crupper.....	24.20
J. Baumgarten & Sons.....	.65	Cutler Hummer Manufacturing Co.....	33.00
Bausch & Lomb Optical Co.....	411.03	Delano & Moore.....	.90
Christian Becker.....	193.70	Densmore Typewriter Co.....	27.50
Conrad Becker.....	40.00	Denver Photo Material Co.....	101.88
S. Bensinger & Co.....	10.00	J. P. Dickinson.....	58.04
W. O. Berry.....	5.00	D'Olier Engineering Co.....	259.00
Ernest Betz.....	37.10	H. W. Dopp & Co.....	33.96
J. Bishop & Co.....	8.25	Draper Manufacturing Co.....	4.38
Blickensderfer Manufacturing Co.....	45.00	Henry A. Dreer.....	2.12
F. W. Bolgiano.....	7.10	J. M. Dunmire.....	12.20
John Boyle.....	2.80	M. Du Perow.....	39.82
C. E. Brereton.....	32.74	W. H. Dyer.....	10.00
N. L. Button.....	28.00		

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
Eastman Kodak Co.....	\$0.10	J. C. Moore (Incorporated).....	\$6.00
Chas. R. Edmonston.....	95.75	Moore Bros.....	2.00
Eimer & Amend.....	444.09	Geo. F. Muth & Co.....	7.37
Eureka Rubber Manufacturing Co.....	6.00	Muth Bros. & Co.....	6.81
Geo. D. Fedit & Co.....	54.09	National Creamery Supply Co.....	20.80
Folmer-Schwing Manufacturing Co.....	134.25	National Electric Supply Co.....	48.54
Fort Wayne Electric Works.....	8.00	Jas. A. Nicholson & Son.....	14.00
Chas. Freedman.....	10.00	Northrup, King & Co.....	34.56
R. Friedlander & Sons.....	6.40	Okonite Co. (Limited).....	1.48
Julien P. Friez.....	25.00	T. J. O'Shea.....	24.15
Eugene D. Funk.....	75.00	Edward Palmer.....	57.00
Robert Gair.....	23.88	Parke, Davis & Co.....	13.19
W. T. Galliher & Bro.....	14.25	D. Frank Parker.....	.50
Richard Gasch & Sons.....	1.50	Peerless Electric Co.....	2.50
George & Co.....	16.21	Erasmus Perry.....	3.50
J. P. Germüller.....	6.00	Harry Persling.....	125.00
Giddings & Steele.....	3.06	Pratt & Whitney Co.....	354.00
Z. D. Gilman.....	2.87	E. J. Pullman.....	122.15
C. P. Goerz.....	3.00	Queen & Co.....	1.38
Goodall Matting Co.....	18.36	Randall Farchney Co.....	3.29
W. O. Gottwals.....	675.00	Randolph Paper Box Co.....	48.00
Henry J. Green.....	69.70	Theo. H. Reed.....	112.20
E. L. Green.....	40.86	Reeser & McKenzie.....	1.00
Emil Greiner.....	40.51	Hugh Riley.....	9.45
E. Grumbach & Son.....	55.42	John Ritchie.....	26.40
The Hamilton & King Perforating Co.....	1.90	Remington Typewriter Co.....	.75
Hammond Typewriter Co.....	10.00	J. N. Rose.....	13.55
Hance Bros. & White.....	51.75	Rudolph, West & Co.....	31.60
Harris & Schafer Co.....	18.40	M. B. Schloer.....	9.00
Louis Hartig.....	.96	E. S. Schmid.....	40.24
W. M. Hays.....	66.72	Fred A. Schmidt.....	31.50
A. A. Heller.....	1.00	Schneider Bros.....	3.75
A. Hermann.....	12.21	Schulte & Koerting Co.....	14.00
Daniel Hiser.....	86.00	Seabury & Johnson.....	22.50
W. H. Hoeke.....	139.30	Seth Thomas Clock Co.....	36.25
Houghton, Mifflin Co.....	9.21	Sharp & Dohme.....	3.75
G. P. Hughes.....	26.25	W. S. Sheetz.....	634.86
W. Junk.....	131.59	J. H. Sheppard.....	133.44
C. Henry Kain.....	167.55	Simplex Electric Heating Co.....	9.60
S. Kann & Sons.....	51.50	Robt. Smith Printing Co.....	8.00
Joseph Karels.....	75.00	Thos. W. Smith.....	5.10
Otto Katzenstein.....	6.60	W. W. Smith.....	14.50
Kellogg Switchboard and Supply Co.....	11.55	Thos. Somerville & Sons.....	63.04
Keuffel & Esser Co.....	10.31	Spencer Lens Co.....	140.71
Geo. P. Killian.....	18.00	Standard Oil Co.....	1.80
J. W. King.....	250.00	G. E. Stechert.....	46.50
Kneesis Sons.....	25.30	Martin L. J. Steele.....	5.80
Kny-Scheerer Co.....	4.80	Stumpp & Walter Co.....	28.00
Koehler's Antiquarium.....	35.94	M. A. Tappan & Co.....	5.00
Wm. Krafft.....	81.95	Mrs. A. P. Taylor.....	3.00
Lamb & Tilden.....	13.72	A. M. Thackera.....	1.25
Jas. B. Lambie (Incorporated).....	34.56	J. M. Thorburn & Co.....	29.20
Lansburgh Bros.....	1.05	Wm. Tibbs.....	5.00
Henry T. Lee.....	75.00	Underwood Typewriter Co.....	270.20
Lenz & Lossau.....	1.75	United States Bottlers' Supply Co.....	9.69
Abraham Life.....	1.00	United Brush Supply Co.....	7.50
Lord & Nagle Co.....	5.00	Usteri-Reinacher.....	29.75
Lyons & Alexander Co.....	3.00	Van Cleve & Scarlett.....	21.25
McCauley & McGill.....	4.50	H. T. Wagner.....	5.40
C. J. McCubbin.....	15.00	Wallace Bros. Co.....	4.00
B. F. McCurdy.....	5.00	Ward Leonard Electric Supply Co.....	3.16
J. H. McNowen.....	79.99	Washington, Alexandria and Mount	
Miss M. M. Mabry.....	40.00	Vernon Rwy.....	6.10
Mackall Bros.....	434.66	Washington Market Co.....	10.75
Manhattan Electric Supply Co.....	27.35	Emil Wellauer.....	71.75
Mathy Co.....	53.50	Wm. Wesley & Son.....	618.73
Maurice Joyce Engraving Co.....	3.34	John Weldon & Co.....	6.00
F. P. May Co.....	7.50	Whitall, Tatum & Co.....	102.82
W. H. May & Sons.....	10.55	Warren M. White.....	4.58
D. R. Mayo.....	12.20	J. H. Wilson Saddlery Co.....	18.50
John Menig.....	3.00	Mrs. A. A. Winfield.....	16.00
Edw. Meister.....	19.50	L. F. Winter.....	51.00
Merck & Co.....	6.38	T. W. Wood & Sons.....	1.25
R. F. Metzger.....	16.50	John P. Young.....	42.00
Francis Miller.....	18.32	Holzer-Cabot Electric Co.....	52.00

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$10,081.99.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

FURNITURE.

Name.	Amount.	Name.	Amount.
Library Bureau.....	\$148.70	Woodruff Manufacturing Co.....	\$137.82
W. B. Moses & Sons.....	22.98	Woodward & Lothrop.....	159.38
• Washington Woodworking Co.....	364.00	Yawman & Erbe Manufacturing Co.	573.90

Total amount paid for furniture under above appropriation, \$1,406.78.

FREIGHT.

Baltimore and Ohio Rwy. Co.....	\$14.24	Littlefield, Alvord & Co.....	\$0.19
Blue Line Transfer Co.....	1.50	Pennsylvania R. R. Co.....	3.99
Knox Express Co.....	16.78		

Total amount paid for freight under above appropriation, \$36.70.

EXPRESS.

Adams Express Co.....	\$366.32	United States Express Co.....	\$100.58
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Total amount paid for express under above appropriation, \$466.90.

TELEGRAPH.

Postal Telegraph Cable Co.....	\$7.35	Western Union Telegraph Cable Co...	\$50.12
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Total amount paid for telegraph under above appropriation, \$57.47.

TELEPHONE.

Chesapeake and Potomac Telephone Co.....	\$38.15		
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RENT.

John H. Nolan and Riley W. Deeble..	\$3,000.00		
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GAS AND ELECTRICITY.

Potomac Electric Power Co.....	\$207.30	Washington Gaslight Co.....	\$242.70
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Total amount paid for gas and electricity under above appropriation, \$450.

TRAVELING EXPENSES.

C. J. Brand.....	\$971.77	F. L. Lewton.....	\$12.50
Edgar Brown.....	12.70	C. M. Mansfield.....	4.90
V. K. Chestnut.....	218.40	C. D. Marsh.....	431.42
G. N. Collins.....	32.95	H. T. Marshall.....	655.37
Frederick V. Coville.....	473.95	W. O. Richtmann.....	418.04
A. C. Crawford.....	60.80	C. S. Scofield.....	435.30
L. H. Dewey.....	389.38	W. W. Stockberger.....	102.20
J. W. T. Duvel.....	338.00	W. G. Swingle.....	149.00
Jos. L. Hills.....	120.80	Ivar Tidestrom.....	10.10
A. S. Hitchcock.....	25.00	R. H. True.....	620.72
S. C. Hood.....	58.86	F. J. Tyler.....	438.49
Henry Hungerford.....	2.00	M. F. Warner.....	36.29
Samuel L. Keese.....	11.25	Irene White.....	51.30
J. W. Kelly.....	3.50	W. F. Wight.....	170.61
G. F. Klugh.....	161.95	Thos. B. Young.....	151.53
C. E. Leighty.....	67.95		

Total amount paid for traveling expenses under above appropriation, \$6,637.03.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

Name.	Amount.	Name.	Amount.
Edgar Brown.....	\$301.79	C. E. Leighty.....	\$19.85
V. K. Chestnut.....	255.39	I. P. Roosa.....	7.00
A. C. Crawford.....	16.84	C. S. Scofield.....	17.14
L. H. Dewey.....	23.96	R. H. True.....	39.49
S. C. Hood.....	146.63		

Total amount paid for station and field expenses under above appropriation, \$828.69.

Amount of appropriation.....	\$67,500.00
Expenditures under the foregoing groups.....	64,088.15
Balance.....	3,411.85
Advances to the following temporary special disbursing agents who rendered their accounts direct to the Treasury:	
C. S. Scofield.....	\$995.25
O. F. Cook.....	1,916.67
Edgar Brown.....	482.25
	3,394.17
Balance.....	17.68
Repayment made to Treasury during year.....	.50
Unexpended balance.....	18.18

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
A. T. Armstrong.....	Clover.....	\$117.00
Eugene D. Funk.....	do.....	75.00
Joseph Karels.....	do.....	75.00
J. W. King.....	Drug plants.....	250.00
Henry T. Lee.....	Clover.....	75.00
Miss M. M. Mabry.....	do.....	40.00
J. H. McNowen.....	do.....	79.99
J. H. Sheppard.....	do.....	133.44
Theo. H. Reed.....	do.....	112.20
John Ritchie.....	do.....	26.40

[Appropriation: Grass and forage plant investigations, \$42,500.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
W. J. Spillman.....	Agrostologist, \$3,000 per annum.	\$3,000.00	\$1,606.65	\$1,199.68	\$5,806.33
F. L. Scribner.....	Agrostologist, \$2,500 per annum.	625.00			
C. V. Piper.....	Systematic agrostologist, \$2,250 per annum.	2,250.00	686.42		2,936.42
D. Griffiths.....	Assistant agrostologist, \$2,000 per annum.	1,999.94	1,269.60		3,269.54
L. C. Corbett.....	Horticulturist, \$2,750 per annum.	343.74	694.79	500.25	1,538.78
J. S. Cotton.....	Special agent, \$50 per month.	600.00	605.53	30.70	1,236.23
H. T. Nielson.....	Special agent, \$40 per month.	266.66	244.95		511.61
D. A. Brodie.....	Expert, \$1,200 per annum.	590.00	670.08		1,260.08

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
E. L. Morris.....	Special plant expert, \$140 per month.	\$30.00	\$249.19	.....	\$329.19
L. F. Paull.....	Expert, \$40 per month.....	80.00			
P. L. Ricker.....	Scientific assistant, \$1,200 per annum.	1,200.00	140.66		1,340.66
E. J. Troy.....	do.....	383.33			
J. M. Westgate.....	do.....	1,200.00	906.61		2,106.61
H. T. Nielson.....	Scientific assistant, \$840 per annum.	105.00			
R. A. Ruark.....	Assistant, \$720 per annum.....	720.00			
J. E. Rockwell.....	Editorial clerk, \$1,800 per annum.	500.00			
W. A. Ball.....	Clerk, \$1,200 per annum.....	1,200.00			
W. C. Lee.....	do.....	1,196.67			
J. F. Springer.....	Clerk, \$1,000 per annum.....	166.73			
Lillian Church.....	Clerk, \$900 per annum.....	585.00			
A. E. Draper.....	Clerk, \$720 per annum.....	120.00			
E. S. De Petron.....	Stenographer, \$60 per month.....	64.00			
A. Chase.....	Artist, \$840 per annum.....	840.00	5.34		845.34
C. C. Ross.....	Gardener, \$660 per annum.....	34.83			
J. H. Thompson.....	do.....	495.00			
A. M. White.....	do.....	96.24			
Frank Fischer.....	Gardener, \$2 per diem.....	14.00			
M. C. Smith.....	Charwoman, \$360 per annum.....	210.00			
M. E. Sullivan.....	do.....	106.00			
V. Tinney.....	do.....	45.00			
C. C. Pursley.....	Messenger boy, \$540 per annum.....	324.33			
E. E. Barber.....	Messenger boy, \$360 per annum.....	162.00			
E. H. Henderson.....	Electric wireman, \$60 per month.	34.00			
W. L. Phillips.....	Painter, \$3 per diem.....	24.00			
A. J. Smith.....	do.....	129.00			
S. Bean.....	Carpenter, \$3 per diem.....	75.00			
J. F. Barghausen.....	Cabinetmaker, \$3 per diem.....	181.50			
M. H. Bagley.....	Laborer, \$660 per annum.....	660.00			
M. R. Griffin.....	do.....	412.50			
R. A. Harvey.....	do.....	660.00			
C. H. Tyler.....	do.....	660.00			
W. H. Mills.....	Laborer, \$60 per month.....	60.00			
W. F. Timberlake.....	do.....	150.00			
D. V. H. Groesbeck.....	Laborer, \$55 per month.....	660.00			
G. Aubagen.....	Laborer, \$50 per month.....	25.00			
A. V. Lewis.....	Laborer, \$40 per month.....	20.00			
Kate Thomas.....	Laborer, \$30 per month.....	7.00			
J. T. Parker.....	Laborer, \$1.50 per diem.....	108.00			
Wm. Wilson.....	do.....	25.50			

Total amount paid for salaries in Washington under above appropriation, \$23,894.97.

[Outside of Washington.]

R. F. Hare.....	Special agent, \$150 per month.....	\$300.00			
H. Garman.....	Special agent, \$120 per month.....	600.00			
T. A. Coleman.....	Special agent, \$100 per month.....	300.00			
J. A. Widsøe.....	do.....	150.00			
A. B. Conner.....	Special agent, \$60 per month.....	240.00	\$77.05	\$145.37	\$462.42
Benj. Freeman.....	Special agent, \$70 per month.....	466.67	137.99	13.75	618.41
M. Harper.....	Special agent, \$600 per annum.....	600.00			
Wm. Sinclair.....	Special agent, \$50 per month.....	100.00			
J. Gay.....	Special agent, \$10 per month.....	120.00			
P. O. Vanatter.....	Expert, \$800 per annum.....	133.33			
R. H. Forbes.....	Collaborator, \$300 per annum.....	300.00			
E. O. Wooten.....	Collaborator, \$10 per month.....	4.00	208.65		212.65
Henry Steele.....	Laborer, 20 cents per hour.....	35.50			
Ralph Cline.....	Laborer, 15 cents per hour.....	19.80			
W. B. McCleary.....	Fence rider, \$25 per month.....	150.00			
Do.....	Fence rider, \$12.50 per month.....	75.00			

Total amount paid for salaries outside of Washington under above appropriation, \$3,594.30.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

STATIONERY.

Name.	Amount.	Name.	Amount.
R. P. Andrews & Co. (Incorporated)	\$66.75	Union Envelope Company.....	\$117.15
W. L. Swayze.....	103.92		

Total amount paid for stationery under above appropriation, \$287.82.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Hans Abild.....	\$1.48	Frank Marcy.....	\$13.50
Adams Stamp and Seal Co.....	4.00	Frank H. McCannon.....	2.24
American News Co.....	1.30	The C. J. McCubbin Co.....	8.35
Bailey & Sons.....	1.20	Jas. K. Metcalfe.....	5.25
R. Carter Ballantyne.....	1.26	Francis Miller.....	14.96
Barber & Ross.....	3.00	E. Morrison Paper Co.....	96.46
J. W. Barker.....	1.50	C. A. Muddiman & Co.....	1.25
F. Barteldes & Co.....	107.44	Geo. F. Muth & Co.....	22.23
J. Baumgarten & Sons.....	9.30	National Electric Supply Co.....	1.39
Blue Line Transfer Co.....	.50	The Okonite Co.....	8.75
John Boyle.....	2.50	C. R. Orcutt.....	10.00
S. M. Byrd.....	18.29	I. F. Orton.....	10.00
Cambridge Botanical Supply Co.....	3.40	D. Frank Parker.....	13.95
Capital Traction Co.....	16.00	A. E. Payne.....	1.25
John Casper.....	5.40	Random Pollard.....	5.50
Century Camera Co.....	2.75	Pollock Mill and Elevator Co.....	1,000.00
Church & Stephenson.....	89.63	Portland Seed Co.....	17.18
J. Ross Collins.....	42.24	E. J. Pullman.....	394.54
W. H. Cooper.....	1.40	Queen & Co.....	29.48
M. G. Copeland.....	5.50	Rand, McNailey & Co.....	3.45
E. W. Densmore Co.....	84.45	Hugh Reilly.....	.14
Chas. G. Diamant.....	2.00	Thos. R. Riley.....	10.00
G. C. Dulebahn.....	2.00	S. D. Riegel & Son.....	13.35
M. Du Perow.....	8.78	John A. Ritchie.....	2.40
W. H. Dyer.....	7.65	Rudolph, West & Co.....	45.12
Chas. R. Edmonston.....	8.40	St. Louis Seed Co.....	1.60
W. J. Edwards.....	.40	F. A. Schmidt.....	2.48
J. B. Espey.....	7.00	Schneider Bros.....	.75
Geo. D. Feidt & Co.....	3.46	W. S. Sheetz.....	279.95
M. R. Gilmore.....	2.00	R. E. Smith.....	1.28
Louis Hartig.....	1.08	R. H. Sherar.....	6.00
E. P. Hazelton.....	45.00	Smith Premier Typewriter Co.....	7.20
C. D. Hughes.....	12.30	Thos. Somerville & Sons.....	21.47
F. S. Jalswy.....	49.00	Southern Printers Supply Co.....	22.70
W. S. Jenks.....	48.95	The Southwestern Seed Co.....	9.55
A. F. Jorss.....	2.50	Spencer Lens Co.....	14.37
The Maurice Joyce Engraving Co.....	1.00	The Steele, Briggs Seed Co.....	26.24
Albert Kahlert & Co.....	10.25	Chas. P. Sumnerall.....	49.40
Kellogg Switchboard and Supply Co.....	17.50	J. M. Thorburn & Co.....	47.94
A. Knencker.....	36.89	Underwood Typewriter Co.....	89.50
Lamb & Tilden.....	2.30	Vilmorin-Andrieux & Co.....	38.88
James B. Lambie & Co.....	1.20	Washington, Alexandria and Mt.	21.90
Lotham & Co.....	9.15	Vernon Rwy.....	
Library Bureau.....	82.90	Wernich Seed Co.....	12.00
Lilly, Bogardus & Co.....	6.80	Oscar Westerburg.....	26.44
F. S. Lincoln.....	33.65	A. M. White.....	38.60
The Fred Macey Co. (Limited).....	16.00	Wollensack Optical Co.....	.50
Macey-Vernicke Co. (Limited).....	22.19	T. W. Wood & Sons.....	19.44
Mackall Bros.....	27.76		

Total amount paid for miscellaneous supplies etc., under above appropriation, \$3,339.88.

FURNITURE.

W. B. Moses & Sons.....	\$39.57	Yawman & Erbe Manufacturing Co..	\$212.87
Woodward & Lothrop.....	147.03		

Total amount paid for furniture under above appropriation, \$399.47.

FREIGHT.

Baltimore and Ohio R. R. Co.....	\$3.58	Littlefield, Alvord & Co.....	\$9.04
Knox Express Co.....	11.48		

Total amount paid for freight under above appropriation, \$24.10.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

EXPRESS.

Name.	Amount.	Name.	Amount.
Adams Express Co.....	\$46.85	United States Express Co.....	\$22.85

Total amount paid for express under above appropriation, \$69.70.

TELEGRAPH.

Postal Telegraph Cable Co.....	\$3.07	Western Union Telegraph Co.....	\$30.37
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Total amount paid for telegraph under above appropriation, \$33.44.

TELEPHONE.

Chesapeake and Potomac Telephone Co	\$25.50		
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RENT.

E. A. Bryan (Pullman, Wash.).....	\$15.00	Alex. Sinclair (San Antonio, Tex.)...	\$3.00
J. M. Beavers (1316 B street sw.)....	1,500.00		

Total amount paid for rent under above appropriation, \$1,518.

GAS AND ELECTRICITY.

Potomac Electric Power Co.....	\$29.56	Washington Gaslight Co.....	\$21.70
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Total amount paid for gas and electricity under above appropriation, \$51.26.

TRAVELING EXPENSES.

C. R. Ball.....	\$166.90	C. V. Piper.....	\$367.05
D. A. Brodie.....	168.50	R. J. Redding.....	.75
A. Chase.....	5.34	P. L. Ricker.....	140.66
A. B. Conner.....	77.05	W. J. Spillman.....	389.71
J. S. Cotton.....	605.53	S. M. Tracy.....	844.68
Benj. Freeman.....	137.99	C. M. Warburton.....	42.85
D. Griffiths.....	1,269.60	J. M. Westgate.....	906.61
A. S. Hitchcock.....	468.89	E. O. Wooten.....	208.65
Byron Hunter.....	773.85	Southern Pacific Co. (Bond-aided.	
C. C. Moore.....	364.85	Account settled in Treasury).....	71.70
E. L. Morris.....	249.19		
H. T. Nielson.....	244.95	Total.....	7,957.74
R. A. Oakley.....	452.44		

Total amount paid for traveling expenses under above appropriation, \$7,957.74.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

A. B. Conner.....	\$145.37	I. P. Roosa.....	\$33.39
J. S. Cotton.....	30.70	F. L. Scribner.....	18.80
Benj. Freeman.....	13.75	W. J. Spillman.....	67.93

Total amount paid for station and field expenses under above appropriation, \$309.94.

Total of appropriation.....	\$42,500.00
Total expenditures under groups of above appropriation.....	41,506.12

Balance.....	993.88
Repayments made to Treasury during year.....	12.33

Total unexpended balance..... 1,006.21

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

[Appropriation: Experimental gardens and grounds, \$25,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
E. M. Byrnes.....	Superintendent gardens and grounds, \$1,800 per annum.	\$1,800.00	\$69.30	\$12.57	\$1,881.87
Robt. McLennan.....	Gardener, \$1,200 per annum	1,100.00	57.75		1,157.75
R. B. Walter.....	Gardener, \$1,000 per annum	500.00			
Joseph A. Gauges.....	Gardener, \$900 per annum	675.00			
Chas. Keller.....	do.	825.00			
Jas. W. Kerr.....	do.	825.00			
J. W. Olden.....	Gardener, \$750 per annum	715.00			
J. A. Kaschka.....	Gardener, \$50 per month	125.00			
James K. Kerr, jr.....	Plumber, \$75 per month	225.00			
W. S. Orton, sr.....	Painter, \$840 per annum	770.00			
Stephen A. Reid.....	Carpenter, \$3 per diem	294.00			
E. Van Horn.....	do.	75.00			
M. Richmond.....	Expert, \$900 per annum	637.50			
E. J. Bashford.....	Electrical wireman, \$3 per diem	27.00			
Henry Haws.....	Laborer, \$60 per month	210.00			
James K. Kerr, jr.....	do.	360.00			
C. J. Schubert.....	do.	660.00			
R. B. Walter.....	do.	210.00			
Jesse O. Jolliff.....	Laborer, \$600 per annum	605.00			
Wm. H. Schultheis.....	Laborer, \$55 per month	660.00			
Jas. H. Copland.....	Laborer, \$50 per month	175.00			
Wm. H. Osborne.....	do.	350.00			
Harry Thompson.....	Laborer, \$600 per annum	550.00			
Chas. W. Dawson.....	Laborer, \$45 per month	90.00			
E. M. Ports.....	Laborer, \$40 per month	480.00			
H. T. Sinclair.....	do.	40.00			
O. A. Walter.....	do.	440.00			
Chas. L. Gooch.....	Laborer, \$25 per month	300.00			
W. D. Holland.....	do.	275.00			
Geo. W. Cutshall.....	Laborer, \$2 per diem	649.00			
John W. Dawson.....	do.	628.00			
Frank Lee.....	Laborer, \$1.75 per diem	551.25			
Chas. W. Dawson.....	Laborer, \$1.50 per diem	370.50			
Richard L. Beasley.....	Unskilled laborer, \$1.50 per diem	50.25			
C. B. Brooks.....	do.	50.25			
George Calwell.....	do.	48.75			
Chas. Henry Gast.....	do.	22.50			
Alex. Givens.....	do.	50.25			
John Neff.....	do.	65.25			
James T. Parker.....	do.	357.75			
James Thompson.....	do.	37.50			
John Underwood.....	do.	39.00			
R. Washington.....	do.	65.25			
John Pope.....	do.	15.00			

Total amount paid for salaries in Washington under above appropriation, \$16,999.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
Alexandria Iron Works.....	\$4.00	J. I. Holcomb.....	\$2.00
Chesapeake and Potomac Telephone Co.....	6.40	Danl. Hiser.....	140.00
John M. Beavers.....	10.00	Louis Hartig.....	6.94
Harry Beasley.....	19.20	Edward Hurdle.....	43.70
F. W. Bolgiano.....	3.55	S. D. Houck.....	35.40
Columbia National Sand Dredging Co.....	109.50	Johnson & Morris.....	1,845.00
Frank E. Coe & Co.....	21.50	J. B. Kendall.....	3.60
Church & Stephenson.....	340.90	Wm. Kane Manufacturing Co.....	12.28
Dayton Supply Co.....	12.00	Lord & Burnham Co.....	18.00
M. Du Perow.....	2.76	Littlefield, Alvord & Co.....	17.00
Eureka Rubber Manufacturing Co.....	75.00	M. Lindsay Rubber Co.....	4.50
Geo. T. Fritch & Son.....	13.00	Lavender & Dorsey.....	49.50
		E. L. Lake.....	17.50
		James B. Lambie.....	2.10

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
National Mortar Co.....	\$59.50	Thos. Somerville & Sons.....	\$405.97
Moninger Co.....	74.50	Thos. W. Smith.....	15.00
Francis Miller.....	9.45	L. N. Simpson.....	400.00
L. P. Menchine.....	7.60	Edw. S. Schmid.....	98.40
Thos. Meehan & Sons.....	18.20	Harry Thompson.....	3.00
J. J. Murphy.....	7.10	E. H. Trundle.....	9.00
Geo. F. Muth.....	29.96	J. T. Walker Sons.....	.75
Oliver Machinery Co.....	185.00	C. M. Woolf & Co.....	35.04
Annie Ports.....	1.25	Chas. White.....	9.00
Patterson, Gottfried & Hunter Co..	340.00	Yost Electric Manufacturing Co....	1.50
Thos. Ragan.....	90.60	Zellers & Co.....	110.45
Rudolph, West & Co.....	255.64		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$4,975.84.

EXPRESS.

Adams Express Co.....	\$10.65	Littlefield, Alvord & Co.....	\$0.25
George W. Knox Express Co.....	.25	United States Express Co.....	4.05

Total amount paid for express under above appropriation, \$15.20.

TELEGRAPH.

Postal Telegraph Cable Co.....	\$0.50	Western Union Telegraph Co.....	\$0.88
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Total amount paid for telegraph under the above appropriation, \$1.38.

TELEPHONE.

Chesapeake and Potomac Telephone Co.....	\$6.40		
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GAS AND ELECTRICITY.

Potomac Electric Power Co.....	\$2,663.91	Washington Gas Light Co.....	\$50.10
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Total amount paid for gas and electricity under above appropriation, \$2,715.01.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

E. M. Byrnes.....	\$12.57		
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Total amount paid for station and field expenses under above appropriation, \$12.57.

Total of appropriation.....	\$25,000.00
Total of several groups under above appropriation.....	24,725.40
Unexpended balance	274.60

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

[Appropriation: Experimental gardens and grounds, 1904-5 (greenhouses), \$25,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Chas. Boston.....	Unskilled temporary laborer, \$1.50 per diem.	\$3. 00	.....	.....	.....
James Brown.....	do.....	33. 00	.....	.....	.....
John Burke.....	do.....	57. 00	.....	.....	.....
John Burroughs.....	do.....	19. 50	.....	.....	.....
Frank Edwards.....	do.....	4. 50	.....	.....	.....
Jackson Keys.....	do.....	1. 50	.....	.....	.....
Fred Meincke.....	do.....	12. 00	.....	.....	.....
Frank Schmid.....	do.....	33. 00	.....	.....	.....
C. H. Shaw.....	do.....	43. 50	.....	.....	.....
James Thompson.....	do.....	7. 50	.....	.....	.....
John Watts.....	do.....	31. 50	.....	.....	.....

Total amount paid for salaries in Washington under above appropriation, \$246.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
Barber & Ross.....	\$8. 46	A. A. Ray.....	\$1. 00
Church & Stephenson.....	381. 30	Thos. R. Riley.....	59. 89
E. G. Davis.....	147. 90	E. G. Schafer & Co.....	67. 27
Henry K. Field & Co.....	575. 00	Somerville & Sons.....	103. 42
Lord & Burnham.....	22,328. 56	L. L. Thompson.....	8. 60
The C. J. McCubbin Co.....	61. 68	J. F. Warner.....	26. 56
J. J. Murphy.....	104. 00	W. T. Walker Brick Co.....	122. 82
National Mortar Co.....	126. 00	Washington Times Co.....	9. 00

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$24,131.46.

EXPRESS.

Littlefield, Alvord & Co.....	\$70. 00		
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TELEGRAPH.

Postal Telegraph and Cable Company	\$0. 23		
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Total amount of appropriation for experimental gardens and grounds (greenhouses), 1904 and 1905..... \$25,000. 00
Amount expended prior to July 1, 1904, and not considered here..... 547. 63

Appropriation available for 1905..... 24,452. 37
Expenditure as shown by foregoing groups..... 24,447. 69

Unexpended balance..... 4. 68

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
Lord & Burnham.....	Constructing greenhouses.....	\$22,327.76

[Appropriation: Arlington Experimental Farm, \$20,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
L. C. Corbett.....	Horticulturist, \$2,750 per annum.	\$2,406.14			
W. R. Beattie.....	Assistant, \$1,500 per annum...	1,187.50			
W. W. Smith.....	Expert, \$1,500 per annum.....	1,375.00			
E. C. Butterfield.....	Scientific assistant, \$1,200 per annum.	800.00			
W. H. Mills.....	Laborer, \$60 per month.....	660.00			
G. O. Minor.....	Laborer, \$50 per month.....	225.00			
H. C. Thompson.....	do.....	170.00			
W. E. Willis.....	do.....	250.00			
Aaron Smith.....	Laborer, \$40 per month.....	80.00			
E. J. Bashford.....	Lineman, \$3 per diem.....	3.00			
Fred W. Clarke.....	Unskilled laborer, \$1.50 per diem.	39.00	\$52.60	\$203.74	\$295.34
Isaac Clinkett.....	do.....	469.50			
B. C. Cookman.....	Laborer, \$50 per month.....	576.67			
Wm. D. Dixon.....	Unskilled laborer, \$1.50 per diem.	48.00			
W. J. Garrett.....	do.....	466.50			
Leonard L. Gray.....	do.....	91.50			
John C. Gordon.....	Laborer, \$1.50 per diem.....	468.75			
J. W. Kelly.....	do.....	273.00			
Calvin Marcy.....	do.....	192.00			
E. H. Milstead.....	do.....	237.00			
John P. Pinkett.....	do.....	69.00			
Cornelius Syphax.....	do.....	138.00			
Allen Tibbett.....	do.....	468.00			
Robert Whittaker.....	do.....	18.00			

Total amount paid for salaries in Washington under above appropriation, \$10,711.56.

STATIONERY.

Name.	Amount.	Name.	Amount.
R. P. Andrews Co.....	\$17.80	Union Envelope Co.....	\$12.65
W. L. Swayze.....	13.64		

Amount paid for stationery under the above appropriation, \$47.09.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
J. & H. Aitcheson.....	\$15.23	Mackall Bros.....	\$6.69
Ames Plow Co.....	21.38	Meehan & Sons.....	20.50
F. W. Bolgiano.....	235.45	Moninger Co.....	29.41
Barber & Ross.....	353.65	Geo. F. Muth.....	7.31
The Bryant Fertilizer Co.....	65.80	Geo. F. Muth & Co.....	54.18
W. E. Bain.....	47.17	W. H. Moore & Co.....	252.07
G. G. Boteler.....	105.25	Monumental Iron and Metal Co.....	55.65
Wm. Bramstedt.....	24.70	E. Morrison Paper Co.....	5.10
Walter J. Cogswell.....	6.00	Francis Miller.....	45.37
Clucas & Boddington Co.....	11.76	Moses Bros.....	42.21
J. H. Catts.....	130.00	John E. Merritt.....	93.08
Cutaway Harrow Co.....	19.00	L. P. Menchine.....	5.00
Columbian Oil Co.....	10.71	J. J. Murphy.....	803.60
Challenge Windmill and Feed Co.....	156.60	Wm. H. May & Son.....	110.80
Church & Stephenson.....	1,815.34	J. B. Macreery.....	304.92
John McL. Dodson.....	13.00	National Mortar Co.....	201.73
Elkhart Carriage and Manufactur- ing Co.....	60.50	National Electric Co.....	20.86
J. B. Espey.....	85.35	Nagle Engine and Boiler Works.....	46.00
J. B. Espey.....	33.75	A. C. Priest.....	140.00
A. B. Farquhar.....	73.50	Hugh Reilly.....	3.00
Fries, Beall & Co.....	25.48	Rudolph, West & Co.....	299.24
H. K. Field & Co.....	173.86	E. D. Shackelford.....	160.00
Geo. T. Fritch & Son.....	5.62	Stark Bros.....	5.21
Wm. M. Galt & Co.....	75.00	A. W. Slaymaker.....	14.30
Louis Hartig.....	19.25	Thos. Somerville & Sons.....	285.85
P. H. Heiskell, jr., & Co.....	129.00	F. A. Schmidt.....	3.50
Daniel Hiser.....	10.00	Standard Oil Co.....	30.92
P. Henderson.....	20.00	E. G. Schafer.....	127.96
Harrison & Sons.....	5.22	W. Silas Sheetz.....	145.07
Kellogg Switchboard and Supply Co.....	8.75	Thorburn & Co.....	3.35
Geo. W. Knox Co.....	8.58	J. T. Walker & Sons.....	1.25
J. H. Lane.....	19.11	Walker Brick Co.....	596.00
Louden Machine Co.....	7.50	Wilfong & Fawcett.....	134.28
Littlefield, Alvord & Co.....	34.67	Wallace & Gale.....	67.49
James B. Lambie Co. (Incorporated).....	6.00	C. M. Woolf Co.....	29.50
P. T. Moran.....	5.00	Thomas E. Young.....	2.00
		Woodward & Lothrop.....	2.50

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$7,993.08.

FURNITURE.

Rudolph, West & Co.....	\$44.00		
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FUEL.

W. J. Zeh.....	\$286.25		
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FREIGHT.

Baltimore and Ohio Railroad Co.....	\$4.18	Pennsylvania Railroad Co.....	\$12.60
Blue Line Transfer Co.....	.50		

Total amount paid for freight under above appropriation, \$17.28.

EXPRESS.

Adams Express Co.....	\$9.45	United States Express Co.....	\$1.55
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Total amount paid for express under above appropriation, \$11.

TELEGRAPH.

Western Union Telegraph Co.....	\$0.20		
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Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

TELEPHONE.

Name.	Amount.	Name.	Amount.
Chesapeake and Potomac Telephone Co.....	\$7.00	Falls Church Telephone and Telegraph Co.....	\$63.50

Total amount paid for telephone under above appropriation, \$70.50.

TRAVELING EXPENSES.

L. C. Corbett.....	\$38.32		
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Total amount paid for traveling expenses under above appropriation, \$38.32.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

W. R. Beattie.....	\$99.42	L. C. Corbett.....	\$500.25
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Total amount paid for station and field expenses under above appropriation, \$599.67.

Total of appropriation.....	\$20,000.00
Total expenditures of groups under above appropriation.....	19,818.95
Unexpended balance.....	181.05

[Appropriation: Tea-culture investigations, \$10,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
W. O. Richtmann.....	Expert, \$1,600 per annum.....	\$800.00			
John H. Kinsler.....	Special agent, \$1,200 per annum.	606.67	\$258.41	\$122.70	\$987.78
E. E. Hicks.....	Clerk, \$1,200 per annum.....	1,200.00			
Chas. Keller.....	Gardener, \$900 per annum.....	75.00			
J. A. Gauges.....	.....do.....	75.00			
W. S. Orton, sr.....	Painter, \$840 per annum.....	70.00			
M. W. Winter.....	Messenger boy, \$30 per month.	168.00			

Total amount paid for salaries in Washington under above appropriation, \$2,994.67.

[Outside of Washington.]

Geo. F. Mitchell.....	Scientific assistant, \$1,000 per annum.	\$333.40	\$129.12		\$462.52
M. Richmond.....	Expert, \$900 per annum.....	75.00			
Geo. F. Mitchell.....	Scientific assistant, \$600 per annum.	316.67			
Fred W. Clarke.....	Tea expert, \$75 per month.....	300.00			
Fred W. Clarke.....	Tea expert, \$50 per month.....	133.33			
M. M. Gilbert.....	Laborer, \$480 per annum.....	200.00			
Lela R. Gadsden.....	Collaborator, \$25 per month.....	300.00			
Frank J. Winters.....	Carpenter, \$3 per day.....	117.00			

Total amount paid for salaries outside of Washington under above appropriation, \$1,775.40.

STATIONERY.

Name.	Amount.	Name.	Amount.
R. P. Andrews Co.....	\$8.90	Morrison Paper Co.....	\$17.98
Library Bureau.....	20.25	W. L. Swayze.....	6.30
Samuel Cupples Envelope Co.....	2.78	Union Envelope Co.....	17.20
H. C. Davison & Co.....	8.64	United States Envelope Co.....	8.50
King Paper Co.....	10.00	Yawman & Erbe.....	7.70

Total amount paid for stationery under above appropriation, \$108.25.

*Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.***MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.**

Name.	Amount.	Name.	Amount.
The Bailey-Lebby Co.....	\$74.84	Marshall Sons & Co.....	\$170.33
Barber & Ross.....	2.00	Merck & Co.....	2.00
Bausch & Lomb Optical Co.....	25.05	Multum in Parvo Binder Co.....	2.00
Canning & Co.....	75.00	National Electric Supply Co.....	19.00
Densmore Typewriter Co.....	78.50	Okonite Co. (Limited).....	6.25
M. Du Perow.....	4.97	C. S. Pitcher.....	8.00
F. H. Finley & Son.....	10.50	Rudolph, West & Co.....	8.00
Emil Greiner.....	64.38	W. Silas Sheetz.....	74.74
Hance Bros. & White.....	32.00	Chas. U. Shepard.....	75.00
Daniel Hiser.....	69.75	Thos. Somerville & Sons.....	7.18
Jeffrey Manufacturing Co.....	560.00	Spencer Lens Co.....	7.00
Kellogg Switchboard Supply Co.....	8.75	M. A. Tappan.....	3.00
Wm. Kraft.....	373.10	Arthur Thomas Co.....	45.00
Lamb & Tilden.....	15.68	A. L. Webb & Sons.....	29.42
Mackall Bros.....	108.97		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$1,960.41.

FURNITURE.

Moses & Sons.....	\$1.50	Yawman & Erbe Manufacturing Co.	\$25.50
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Total amount paid for furniture under above appropriation, \$27.

FREIGHT.

New York, Texas and Mexican Rail- way Co.....	\$37.37		
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EXPRESS.

Adams Express Co.....	\$29.05	United States Express Co.....	\$1.25
The Geo. W. Knox Express Co.....	97.95		

Total amount paid for express under above appropriation, \$128.25.

TELEGRAPH.

Postal Telegraph and Cable Co.....	\$0.20	Western Union Telegraph Co.....	\$4.73
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Total amount paid for telegraph under above appropriation, \$4.93.

TRAVELING EXPENSES.

Fred W. Clarke.....	\$52.60	Geo. F. Mitchell.....	\$129.12
H. E. Juenemann.....	122.80	W. O. Richtmann.....	56.20
Jno. H. Kinsler.....	258.41	Rodney H. True.....	55.26

Total amount paid for traveling expenses under above appropriation, \$674.39.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

A. P. Borden.....	\$204.97	I. P. Roosa.....	\$121.07
Fred W. Clarke.....	203.74	Charles U. Shepard.....	24.00
Jno. H. Kinsler.....	122.70		

Total amount paid for station and field expenses under above appropriation, \$676.48.

Total of groups under above appropriation, \$8,387.15.

Unexpended balance, \$1,612.85.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
Charles U. Shepard.....	Growing tea.....	\$48.00

[Appropriation: Purchase and distribution of valuable seeds, \$234,312.18.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
W. W. Tracy, sr.....	Superintendent testing ground	\$3,000.00	\$906.05	.....	\$3,906.05
Adrian J. Pieters.....	Botanist in charge, \$2,750.....	2,749.89	628.19	\$288.70	3,666.78
David G. Fairchild.....	Agricultural explorer, \$2,500....	208.34	949.90	.....	1,158.24
F. L. Scribner.....	Special agent and agrostologist, \$2,500.	312.50	.....	.....	.....
Chas. F. Wheeler.....	Expert, economic gardening, \$2,000.	1,499.99	6.00	.....	1,505.99
R. J. Whittleton.....	Superintendent weighing, \$2,000.	1,999.99	.....	.....	.....
Oliver F. Jones.....	Clerk, \$1,800.....	1,800.00	.....	.....	.....
William W. Long.....	.....do.....	450.00	.....	.....	.....
Lisle Morrison.....	.....do.....	1,600.00	.....	.....	.....
Julius E. Rockwell.....	Editorial clerk, \$1,800.....	450.00	.....	.....	.....
Geo. W. Oliver.....	Expert, \$1,600.....	1,600.00	572.23	.....	2,172.23
John C. Wight.....	Clerk, \$1,600.....	1,600.00	.....	.....	.....
William W. Smith.....	Expert, \$1,500.....	125.00	.....	.....	.....
Helen Gardner.....	Clerk, \$1,400.....	1,399.99	.....	.....	.....
Jessie A. Murphy.....	.....do.....	1,399.99	.....	.....	.....
W. W. Tracy, jr.....	.....do.....	1,399.99	197.68	.....	1,597.67
Geo. Arntz.....	Special agent, \$1,200.....	1,200.00	.....	.....	.....
Clara K. Bragdon.....	Clerk, \$1,200.....	116.67	.....	.....	.....
Leon M. Estabrook.....	.....do.....	700.00	.....	.....	.....
W. P. Gochenour.....	.....do.....	850.00	.....	.....	.....
Harry Goding.....	.....do.....	483.33	.....	.....	.....
Robert McLennan.....	Expert, \$1,200.....	100.00	.....	.....	.....
Russell A. Oakley.....	Scientific assistant, \$1,200.....	300.00	452.44	.....	752.44
Thomas R. Robinson.....	.....do.....	250.00	.....	.....	.....
Jesse C. Waite.....	Clerk, stenographer and typewriter, \$1,200.	383.33	.....	.....	.....
Mrs. Augusta H. Williams.	Clerk, \$1,200.....	1,200.00	.....	.....	.....
C. C. Bateman.....	Clerk, \$1,000.....	997.25	.....	.....	.....
Alfred C. Garton.....	Clerk, stenographer and typewriter, \$1,000.	901.84	.....	.....	.....
Wm. L. Marcy.....	.....do.....	375.14	.....	.....	.....
Russell A. Oakley.....	Expert.....	720.00	.....	.....	.....
Copeland P. Jones.....	Clerk, \$900.....	825.00	.....	.....	.....
Henry E. Jueneman.....	Plant packer and gardener, \$900	900.00	313.35	.....	1,213.35
Edward Q. Knight.....	Skilled laborer, \$900.....	900.00	.....	.....	.....
Muriel E. Day.....	Expert in tropical fruits, \$75 per month.	895.00	.....	.....	.....
Ellen Golden.....	Library clerk, \$75 per month....	150.00	.....	.....	.....
Marie Lockwood.....	Clerk, stenographer and typewriter, \$75 per month.	225.00	.....	.....	.....
Clyde W. Allen.....	Clerk and typewriter, \$840.....	770.00	.....	.....	.....
Frank H. Hiatt.....	Clerk, \$840.....	630.00	.....	.....	.....
Angus C. Mann.....	Plant packer and assistant, \$840.	665.00	116.33	.....	781.33
Ernest Hauser.....	Assistant, \$780.....	780.00	.....	.....	.....
Wm. A. Haws.....	Gardener, \$780.....	780.00	.....	.....	.....
August Mayer.....	Expert, \$780.....	559.00	.....	.....	.....
Claudius D. Ashmore.....	Clerk, \$720.....	114.00	.....	.....	.....
Katherine S. Bort.....	Aid in seed testing, \$720.....	408.00	.....	.....	.....
R. B. Holland.....	Laborer, \$720.....	720.00	.....	.....	.....
Ivy Virginia Hurdle.....	.....do.....	720.00	.....	.....	.....
Albert M. Jackson.....	.....do.....	720.00	.....	.....	.....
Mrs. Grace D. Parker.....	.....do.....	706.00	.....	.....	.....
Wm. H. Phipps.....	.....do.....	720.00	.....	.....	.....
Mrs. Mary J. Smith.....	.....do.....	720.00	.....	.....	.....
Miss Irene White.....	Aid in seed testing, \$720.....	60.00	88.60	.....	148.60

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Carrie Zell.....	Laborer, \$720.....	\$720.00			
Isabelle Allen.....	Laborer, \$60 per month.....	720.00			
Henry Haws.....	do.....	510.00			
A. K. Kennedy.....	do.....	720.00			
Emma R. Polton.....	do.....	720.00			
Addie A. Ege.....	Stenographer and typewriter, \$60 per month.....	180.00			
L. MacMorris.....	do.....	180.00			
Everett H. Henderson.....	Electric wire man, \$60 per month.....	210.00			
Chas. M. Mansfield.....	Assistant photographer, \$60 per month.....	250.00			
Wilton R. R. Porter.....	Clerk, \$60 per month.....	32.00			
H. C. Zoelner.....	Gardener, \$60 per month.....	60.00			
Bessie L. Coker.....	Bookkeeper, \$660.....	174.17			
Thomas Lee.....	Laborer, \$55 per month.....	660.00			
Geo. E. Cookman.....	Laborer, \$600 per annum.....	600.00			
Everett C. Crippen.....	do.....	600.00			
Fred C. Hall.....	do.....	600.00			
Bessie M. Muhleman.....	do.....	600.00			
Warren S. Orton.....	do.....	200.00			
Mrs. K. P. Ramsdell.....	Unskilled laborer, \$600 per annum.....	600.00			
Albert E. Watkins.....	Laborer, \$600.....	450.00			
Marie Barbieri.....	Laborer, \$50 per month.....	150.00			
James H. Copland.....	do.....	391.67			
George D. Minor.....	do.....	375.00			
Nora H. Phelps.....	do.....	600.00			
Wm. A. Pingley.....	do.....	600.00			
Genevieve Booth.....	Clerk, \$50 per month.....	146.66			
Abbie F. Hill.....	do.....	46.66			
Katherine S. Bort.....	Clerk, stenographer and typewriter, \$50 per month.....	225.00			
H. R. Chum.....	Gardener, \$50 per month.....	38.33			
Alfred H. Gilbert.....	Special agent, \$50 per month.....	413.33	\$182.14		\$595.47
Mary A. Austin.....	Unskilled laborer, \$540.....	540.00			
Bessie C. Bell.....	Unskilled laborer, \$480 per annum.....	480.00			
Mrs. Mary M. Gilbert.....	Laborer, \$480 per annum.....	280.00			
Alice Maud Sawyer.....	Skilled laborer, \$480 per annum.....	480.00	13.61		493.61
Edward S. Duvall.....	Laborer, \$40 per month.....	201.33			
James J. Hammersley.....	do.....	480.00			
Inez P. Yonce.....	Skilled laborer, \$40 per month.....	53.33			
Mrs. F. P. Hardenstein.....	do.....	480.00			
Agnes V. Lewis.....	do.....	13.33			
Mrs. Eva M. Snyder.....	Unskilled laborer, \$40 per month.....	236.00			
Harriet Faunce.....	do.....	480.00			
Mrs. E. Veale.....	do.....	45.33			
Chas. M. Mansfield.....	Assistant photographer, \$40 per month.....	20.00			
Harry Roberts.....	Messenger boy, \$30 per month.....	360.00			
Willard Robertson.....	do.....	87.00			
Lucy C. Rustine.....	Unskilled laborer, \$30 per month.....	287.00			
R. H. Smith.....	Student assistant, \$25 per month.....	300.00			
H. F. Chandler.....	Messenger boy, \$20 per month.....	106.00			
James A. Cratty.....	Plumber, \$4 per diem.....	124.00			
Wm. A. Joyce.....	do.....	240.00			
John J. Lawless.....	do.....	158.00			
Somerville Bean.....	Carpenter, \$3.50 per diem.....	287.00			
George Been.....	do.....	21.00			
Stephen A. Reid.....	do.....	101.50			
John T. Barghausen.....	Cabinetmaker, \$3 per diem.....	15.00			
E. J. Bashford.....	Electric lineman, \$3 per diem.....	12.00			
Somerville Bean.....	Carpenter, \$3 per diem.....	321.00			
A. J. Green.....	do.....	186.00			
W. E. Orton.....	Painter, \$3 per diem.....	180.00			
Stephen A. Reid.....	Carpenter, \$3 per diem.....	90.00			
A. J. Smith.....	Painter, \$3 per diem.....	64.50			
Chas. W. Smith.....	Carpenter, \$3 per diem.....	51.00			
Eugene E. Young.....	do.....	63.00			

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Jennie E. Nash.....	Unskilled laborer, \$240 per annum.	\$240.00	.....	.....	.....
Ernest L. Harrison....	Unskilled laborer, \$2 per diem.	56.00	.....	.....	.....
James Bailey.....	Unskilled laborer, \$1.50 per diem.	45.00	.....	.....	.....
R. W. Bowers.....	do.	6.00	.....	.....	.....
Minnie P. Gillingham..	Unskilled laborer, \$50 per month.	600.00	.....	.....	.....
Chas. Bradley.....	Unskilled laborer, \$1.50 per diem.	45.00	.....	.....	.....
Chas. Cleveland.....	do.	36.00	.....	.....	.....
Michael Dervan.....	do.	12.00	.....	.....	.....
C. E. Dunn.....	do.	44.25	.....	.....	.....
D. M. Eversole.....	do.	40.50	.....	.....	.....
Upton H. Gelleher.....	do.	10.50	.....	.....	.....
Joseph M. Gray.....	do.	42.00	.....	.....	.....
James Greene.....	do.	18.00	.....	.....	.....
Wm. Halley.....	do.	45.00	.....	.....	.....
R. H. Hanson.....	do.	4.50	.....	.....	.....
Ernest Hauser, jr.....	do.	90.00	.....	.....	.....
Jesse James.....	do.	12.00	.....	.....	.....
C. C. McCornicka.....	do.	36.00	.....	.....	.....
Mitchell McCorkle.....	do.	30.00	.....	.....	.....
Daniel Mourey.....	do.	30.00	.....	.....	.....
John B. Nickens.....	do.	30.00	.....	.....	.....
John F. Phipps.....	do.	12.00	.....	.....	.....
C. W. Poates.....	do.	37.50	.....	.....	.....
W. R. Schneider.....	do.	39.00	.....	.....	.....
Sidney Swann.....	do.	519.00	.....	.....	.....
John M. Veale.....	do.	121.50	.....	.....	.....
B. Warner.....	do.	4.50	.....	.....	.....
Philip E. Zell.....	do.	3.00	.....	.....	.....
F. Cumberland.....	Unskilled laborer, \$1 per diem.	3.00	.....	.....	.....
Al Folsom.....	do.	3.00	.....	.....	.....
B. H. Hall.....	do.	3.00	.....	.....	.....
C. Hutchinson.....	do.	3.00	.....	.....	.....
Wm. May.....	do.	3.00	.....	.....	.....
Clarence Owens.....	do.	3.00	.....	.....	.....
Emma S. Doyle.....	Student assistant, \$25 per month.	300.00	.....	.....	.....

Total amount paid for salaries in Washington under above appropriation, \$64,283.63.

[Outside of Washington.]

P. H. Dorsett.....	Pathologist and assistant, \$2,250.	\$2,250.00	.....	\$368.18	\$2,618.18
Edward Goucher.....	Special agent, \$900.....	600.00	\$62.15	.....	662.15
Angus C. Mann.....	Gardener, \$900.....	187.50	.....	.....	.....
Joseph F. Reed.....	Expert, \$75 per month.....	75.00	463.70	.....	538.70
W. J. Green.....	Special agent, \$70 per month.....	70.00	.....	.....	.....
Thomas B. Young.....	Expert, \$720.....	210.00	.....	.....	.....
Beck J. Dee.....	Laborer, \$60 per month.....	540.00	8.15	.....	548.15
Fred Stockwell.....	do.	720.00	.....	.....	.....
Peter J. Wester.....	Special agent, \$60 per month.....	240.00	.....	.....	.....
Beck J. Dee.....	Laborer, \$50 per month.....	150.00	.....	.....	.....
Wm. S. Hull.....	do.	600.00	.....	.....	.....
John S. Jones.....	do.	300.00	24.55	.....	324.55
A. Sloane.....	Laborer, \$40 per month.....	480.00	.....	.....	.....
B. G. Jones.....	Laborer, \$30 per month.....	90.00	.....	.....	.....
Bernard G. Johnson.....	Special agent, \$3 per diem.....	373.57	.....	.....	.....
C. D. Jarvis.....	Unskilled laborer, 35 cents per hour.	25.90	.....	.....	.....
F. E. Denny.....	Unskilled laborer, 25 cents per hour.	26.00	.....	.....	.....
C. F. Kinnan.....	Special agent, 25 cents per hour.....	41.00	.....	.....	.....
C. A. Cole.....	Special agent, 15 cents per hour.....	21.08	.....	.....	.....

Total amount paid for salaries outside of Washington under above appropriation, \$7,000.35.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

STATIONERY.

Name.	Amount.	Name.	Amount.
Hamilton Adams.....	\$89.25	Lamb & Tilden.....	\$18.93
The American News Co.....	9.36	Library Bureau.....	120.30
R. P. Andrews & Co.....	249.63	Morrison Paper Co.....	41.99
Autograph Register Co.....	81.75	D. Frank Parker.....	247.98
R. Carter Ballantyne.....	39.07	Randolph Paper Box Co.....	17.00
J. Baumgarten & Sons.....	12.60	Fred A. Schmidt.....	1.75
Berry & Whitmore Co.....	8.00	C. G. Stott & Co.....	67.48
Brentano's.....	74.56	W. L. Swayze.....	249.12
Cupples Envelope Co.....	8.00	C. P. Swett.....	22.35
H. C. Davison & Co.....	175.44	Union Envelope Co.....	256.60
District of Columbia Paper Co.....	3.87	United States Envelope Co.....	16.82
Eberhard Faber.....	162.50	L. E. Waterman Co.....	1.68
Maurice Gair Co.....	74.89	Woodruff Manufacturing Co.....	6.25
Maurice Joyce Engraving Co.....	1.00	Yawman & Erbe Manufacturing Co.....	46.20

Total amount paid for stationery under above appropriation, \$2,104.37.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Hamilton Adams.....	\$1.50	Burton A. Corbett.....	\$1.60
Aermotor Co.....	158.92	Arthur Cowee.....	353.82
Alexander Seed Co.....	5.00	Cox Seed Co.....	180.00
C. L. Allen.....	1,102.60	C. Wesley Coy.....	100.00
W. F. Allen.....	95.10	John Craig.....	120.00
American Can Co.....	20.10	R. V. Crine.....	1.35
American Ice Co.....	9.35	John F. Croom & Bro.....	418.20
Peter Anderson.....	45.00	Chas. Crosland.....	6.00
W. E. Bain.....	5.50	J. E. Culpepper.....	300.00
H. W. Baker.....	15.00	J. G. Davis.....	76.37
A. A. E. Baldwin.....	29.75	F. E. Dawley.....	26.00
Barber & Ross.....	10.50	Dayton Fruit Tree Label Co.....	95.69
J. H. Barber.....	10.00	David M. De Campe.....	22.25
Barr & Sons.....	120.08	De Graff Bros. (Limited).....	111.60
W. H. Barrett.....	4,978.00	Delano & Moore.....	8.38
F. Barteldes & Co.....	831.20	A. V. Denham & Co.....	15.10
Bates Ginseng Gardener.....	75.00	Densmore Typewriter Co.....	39.93
Baumgartner & Sons.....	4.80	The Denver Fire Clay Co.....	8.10
Bausch & Lomb Optical Co.....	256.33	De Vay & Son.....	40.00
Conrad Becker.....	13.50	Edw. F. Dibble.....	321.35
Ernest Benary.....	25.00	The Dickinson Co.....	871.25
P. J. Berckmans Co.....	112.60	Diller, Caskey & Co.....	7.49
Ernest Betz.....	27.50	Elza Dodge.....	19.65
J. W. Blankinship.....	7.00	J. McL. Dodson.....	12.00
F. W. Boehme.....	196.25	H. W. Dopp Co.....	33.96
F. W. Bolgiano & Co.....	384.99	J. W. Draper.....	6.00
Wm. F. Bowen.....	35.00	Henry A. Dreer (Incorporated).....	1,002.28
W. H. Bowen.....	55.33	Jas. L. Drohen.....	41,924.49
John Boyle & Co.....	8.39	Dulin & Martin Co.....	6.24
Braslan Seed Growers Co.....	11,360.97	M. Du Perow.....	39.32
Wm. P. Brooks.....	51.75	W. H. Dyer.....	28.75
Wilfred A. Brotherton.....	57.29	T. J. Dwyer & Co.....	8.00
Bryant Fertilizer Co.....	25.00	Wm. D. Elbert.....	1,960.00
C. P. Bull.....	19.57	Chas. R. Edmonston.....	8.80
Burch & Kleps.....	10.65	Eisinger Bros.....	14.89
E. A. Burnett.....	298.90	Ellwanger & Barry.....	5.25
W. Atlee Burpee Co.....	1,549.79	J. C. Ergood Co.....	2.35
D. V. Burrell.....	1,040.00	J. B. Espey.....	7.18
California Nursery Co.....	287.46	Eureka Rubber Manufacturing Co.....	46.35
Capital Traction Co.....	50.00	Henry Evans.....	3.50
Carter Ink Co.....	2.60	Wm. Ewing & Co.....	20.00
The Carbona Co.....	2.00	John R. Fain.....	75.00
Frederick Carl.....	88.00	Fancher Creek Nurseries.....	51.64
W. M. Carpenter.....	30.00	R. J. Farquhar & Co.....	39.83
Charles & Nelson.....	12.50	Geo. D. Feidt & Co.....	2.18
Chesapeake and Potomac Telephone Co.....	2.35	D. M. Ferry & Co.....	538.46
John Lewis Childs.....	545.37	Rudolph Fischer.....	8.00
Church & Stephenson.....	1,523.62	Henry Fish.....	1,511.84
The E. B. Clark Co.....	117.60	H. H. Fisher.....	3.50
Cleveland Seed Co.....	32.00	Flansburgh & Pierson Co.....	1.39
James B. Clow & Sons.....	10.50	Folmer & Schwing Co.....	36.00
Columbia National Sand Dredging Co.....	18.00	S. M. Foote.....	98.15
Columbia Pump and Well Co.....	205.00	Julius Forrer.....	25.00
Comstock, Ferre & Co.....	43.95	Forsberg & Murray.....	57.00
C. W. Cooksey.....	438.00	H. D. Foster.....	156.50
M. G. Copeland Co.....	58.68	F. Franceschi.....	12.50
		J. R. Freeman.....	40.00
		Geo. T. Fritch & Son.....	10.00

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
Funk Bros. Seed Co.....	\$14.40	N. Le Page.....	\$287.80
Robt. Gair Co.....	453.27	Chas. H. Lilly Co.....	1.07
David S. Gay.....	252.00	M. Lindsay Rubber Co.....	3.57
George Gibbs.....	24.00	F. B. Linfield.....	20.00
J. A. Gibson.....	29.80	S. V. T. Lippitt.....	3.00
Fred S. Gincher.....	96.00	Littlefield, Alvord & Co.....	19.00
Glen St. Mary Nurseries.....	80.11	The Livingston Seed Co.....	26.10
C. P. Goerz Optical Co.....	2.94	Wm. Logan.....	350.00
J. J. H. Gregory & Son.....	6.55	Lampco Produce and Real Estate Co.....	1,198.39
Emil Greiner.....	19.75	A. W. Long.....	1,458.00
W. H. Grenell.....	2,128.00	Lord & Burnham Co.....	250.74
Haage & Schmidt.....	21.68	J. M. Lupton.....	173.00
A. W. Hammer.....	16.20	A. B. Lyman.....	240.00
A. Hansen.....	37.10	T. L. Lyon.....	2.66
N. E. Hansen.....	64.00	T. E. McCall.....	20.00
Joseph Harris Co.....	2.80	The C. J. McCubbin Co.....	11.70
L. A. Harris (for Blue Grass Canning Co.).....	1,600.00	J. M. McCollough Sons.....	8.20
Wm. K. Harris.....	200.00	McKay, Reece & Co.....	9.55
Louis Hartig.....	2.66	A. J. McKee & Co.....	21.70
W. M. Hays.....	66.72	A. E. McKenzie & Co.....	215.00
P. H. Heiskell Jr. & Co.....	1,005.00	J. B. McMackin.....	7.52
F. W. Heitmann Co.....	275.99	A. W. McMurry.....	31.25
Peter Henderson & Co.....	214.63	Mackall Bros.....	223.86
Henry & Lee.....	357.36	R. S. Mackintosh.....	40.00
D. Dana Hewett.....	5.70	John H. Magruder.....	11.25
Stephen Hewitt.....	10.00	Manhattan Electrical Supply Co.....	4.31
Isaac Hicks & Son.....	10.00	P. Mann & Co.....	4.00
The E. G. Hill Co.....	414.00	W. H. Maule.....	9.40
W. G. Hinson.....	195.00	May & Co.....	524.11
Daniel Hiser.....	40.00	A. D. Mebane.....	315.00
F. C. Hoffman.....	6.00	Thos. Meehan & Sons (Incorporated).....	360.97
C. W. Hoitt (Experimental Riverside Farm).....	6.25	Geo. Meier Co.....	11.80
Holmes Seed Co.....	2.75	H. F. Michell Co.....	9.00
Holtzer-Cabot Electrical Co.....	109.65	Francis Miller.....	71.56
Mrs. A. I. Howard.....	66.00	G. E. Miller.....	45.40
T. S. Hubbard & Co.....	212.45	Ariel Mitchelson.....	179.90
Edgar J. Hulse.....	28.50	Samuel C. Moon.....	2.50
E. H. Hume.....	20.00	Moore & Simon.....	1.60
Edward Hurdle.....	14.00	C. F. Moore.....	7.50
W. F. Hutchins.....	80.00	J. B. Morrey.....	11.35
Hygienic Soap Granulator Co.....	4.00	W. H. Morehouse & Co.....	36.33
Indian Head Plantation (Incorporated).....	240.00	E. H. Morrison.....	7,042.72
Ingram-Richardson Co.....	28.00	E. Morrison Paper Co.....	47.26
Iowa Seed Co.....	1.05	C. C. Morse & Co.....	7,563.81
V. M. Jackson.....	240.00	J. K. Mosby.....	9.50
The Jeffery Manufacturing Co.....	140.00	W. B. Moses & Sons.....	2.10
F. M. Jennings.....	300.00	C. A. Muddiman.....	3.75
Jennings & Scott.....	6,798.00	F. B. Mumford.....	250.00
Johnson & Stokes.....	2.55	D. O. Munson.....	21.00
Johnson Seed Potato Co.....	5.80	Munson & Son.....	100.41
Joe M. Johnson.....	150.00	J. J. Murphy.....	24.85
Nils P. Johnson.....	3.20	Geo. F. Muth & Co.....	191.79
A. N. Jones.....	20.12	National Electric Supply Co.....	91.03
F. E. Jones.....	57.98	National Mortar Co.....	10.50
L. R. Jones.....	1.65	National Sand Digging Co.....	4.00
Jones Bros. Co.....	1,187.26	J. P. Nawrath.....	99.28
Jones & Lovejoy.....	44.30	P. A. Nebeker.....	32.60
Jones & Son.....	16.30	H. E. Newbury.....	7.65
W. H. Jordan.....	73.75	C. C. Newman.....	75.00
Geo. S. Josselyn.....	152.55	Northrup, King & Co.....	138.20
Maurice Joyce Engraving Co.....	.50	H. Nungesser & Co.....	480.39
John Jungerman.....	70.00	I. D. O'Donnell.....	474.96
S. Kann Sons & Co.....	2.48	Thos. O'Hanlon.....	52.84
Keeney & Son.....	3,501.05	Okonite Co. (Limited).....	219.03
Keil & Dolle.....	76.16	Oliver Typewriter Co.....	150.00
M. D. Kelley.....	6.00	Pacific Coast Flax, Fiber, and Linen Co.....	125.00
Kellogg Switchboard and Supply Co.....	85.20	Chas. Parker.....	1,447.35
Kelway & Son.....	97.21	E. E. Parkhurst.....	2.35
Geo. P. Killian & Co.....	146.00	A. J. Pieters.....	468.39
Geo. W. Knox Express Co.....	316.81	Poat Bros.....	100.81
S. A. Knapp.....	841.89	Polmann-Maay.....	928.10
E. H. Krelage & Son.....	179.30	Potomac Electric Power Co.....	2.56
Geo. Kuesthardt.....	25.00	Preston & Rounds.....	23.00
Lamb & Tilden.....	2.50	E. J. Pullman.....	187.32
James B. Lambie (Incorporated).....	102.20	Carl Purdy.....	22.76
D. Landreth Seed Co.....	502.78	Randolph Paper Box Co.....	24.00
P. D. Leaning.....	10.00	F. W. Rane.....	57.00
		Reasoner Bros.....	1.50
		Rees & Compere.....	5.00

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
James L. Reid	\$15.00	P. S. Stubbs	\$102.00
Hugh Reilly	52.47	C. P. Summerall	92.95
Rene Schoo & Co.	655.33	Sutton & Sons	15.62
Remington Typewriter Co.	300.40	Paul Swanson	1.75
August Rhotert	102.06	E. C. Swarthout	102.00
Marley Riley	13.00	G. L. Taber	1,015.35
Thomas R. Riley	38.95	Geo. Tait & Sons	1.70
Elias L. Rivers	26.00	Miss Daisy Taylor	4.00
J. C. Robinson Seed Co.	2,396.69	A. M. Ten Eyck	14.50
Geo. C. Roeding	41.10	Arthur Thomas Co.	18.21
Rogers Bros	450.00	L. L. Thompson	21.50
Routzan Seed Co.	782.20	J. M. Thorburn & Co.	4,720.92
A. Rowe	66.00	The Torsion Balance Co.	17.15
Rudolph, West & Co.	105.75	J. E. W. Tracy	89.33
A. W. Russell	40.00	W. W. Tracy, sr.	235.37
Russia Cement Co.	3.50	Underwood Typewriter Co.	280.50
John A. Salzer	3.18	A. B. Underwood	65.85
San Antonio Irrigation Co.	10.44	H. E. Van Deeman	5.00
Santa Paula Commission Co.	1,080.00	R. Van der Schoot & Son	569.25
Marx Schafer	509.38	W. Van Fleet	7.25
Schlegel & Fottler Co.	3.00	Vaughan's Seed Store	423.61
Edw. S. Schmid	605.65	Vilmorin-Andrieux & Co.	145.22
O. H. Schwill & Co. (Incorporated) ..	1.05	Jos. B. Walker	30.00
B. D. Shedaker	1.00	Jos. W. Walker	5.00
W. Silas Sheetz	285.00	F. A. Warner	7.50
Chas. Shore	16.25	The Washington Market Co.	5.25
W. H. Shreve	24.00	Watkins & Simpson	7.51
J. M. Simmons	45.00	Western Seed and Irrigation Co.	837.62
L. N. Simpson	8.00	John Whitaker	64.75
Sioux City Seed and Nursery Co.	3,427.50	H. L. Whitman	14.80
C. U. Skinner	20.00	John Widtsoe	530.70
Slate Seed Co.	119.41	Martin Wiegand	30.00
Slaymaker & Son	136.25	Will & Co.	19.50
Sluiss & Graat	9.56	Willet & Gray	2.15
Smith Premier Typewriter Co.	29.40	N. L. Willett Drug Co.	441.22
R. E. Smith	48.00	C. G. Williams	7.50
T. W. Smith	22.83	Jas. W. Wilson	200.00
C. A. Smurthwaite Produce Co.	107.99	M. & E. Wolf	400.00
C. A. Snyder	15.40	T. W. Wood & Sons	618.97
Thos. Somerville & Sons	1,616.41	Chas. D. Woods	151.31
H. I. Stearns	58.50	D. J. Woodward & Co.	94.00
J. Steckler Seed Co.	144.95	C. M. Wolf & Co.	40.00
T. E. Steele	2.50	F. W. Woolworth & Co.	1.20
Storrs Agricultural Experiment Station ..	6.25	B. F. Wyman	7.50
The Storrs & Harrison Co.	21.25	Yale & Towne Manufacturing Co.	2.25
Stramberg-Carlson Telephone Manufacturing Co.	13.49	P. A. Yoder	212.14

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$152,961.06.

FURNITURE.

Albright Nell Co.	\$35.00	Fred S. Lincoln	\$119.50
Barber & Ross	7.30	Macey-Wernicke Co. (Limited)	12.00
Doten, Dunton Desk Co.	77.00	W. B. Moses & Sons	459.71
M. Du Perow	1.00	Wm. Ramsay	5.00
Chas. R. Edmonston	25.00	Thos. R. Riley	1.60
Giddings & Steele	15.38	W. L. Swayze	3.25
W. H. Hoeke	72.53	Woodruff Manufacturing Co.	60.00
J. B. Lambie & Co.	23.55	Woodward & Lothrop	510.86
Julius Lansburg	132.05	Yawman & Erbe	515.35
Library Bureau	10.00		

Total amount paid for furniture under above appropriation, \$2,086.08.

FUEL.

Wm. J. Zeh (Incorporated)	\$2,456.07	Robt. Murphy	\$2.55
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Total amount paid for fuel under above appropriation, \$2,458.62.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

FREIGHT.

Name.	Amount.	Name.	Amount.
Atchison, Topeka and Santa Fe Rwy. Co.....	\$8.43	Lloyd Transfer Co.....	\$18.00
Baltimore and Ohio R. R.....	2,627.30	Metropolitan S. S. Co.....	.99
Blue Line Transfer Co.....	.19	Missouri, Kansas and Texas Rwy. Co.....	1.72
California Northwestern Rwy. Co.....	.25	Morgan's Louisiana and Texas R. R. Co.....	7.68
Chicago, Milwaukee & St. Paul Rwy. Co.....	11.66	Northern Pacific Rwy. Co.....	20.04
Chicago, Rock Island and Pacific Rwy. Co.....	5.68	Oregon Railroad and Navigation Co.....	11.72
Cornwallis and Eastern R. R. Co.....	4.18	Pacific Coast Rwy.....	12.94
The Denver and Rio Grande R. R.....	16.22	Pennsylvania R. R.....	726.73
Louis N. Dion.....	.25	A. J. Pieters.....	11.96
Fort Worth and Denver City Rwy. Co.....	48.03	San Antonio and Aransas Pass Rwy. Co.....	25.38
Galveston, Harrisburg and San Antonio Rwy. Co.....	8.16	F. M. Studley, agent New York-Kingston S. S. Line.....	88.55
International Great Northern R. R.....	2.52	Texas Central R. R. Co.....	2.35
The Geo. W. Knox Express Co.....	531.06	I. P. Roosa, U. S. despatch agent.....	128.56
Littlefield, Alvord & Co.....	896.99	Southern Pacific Co.....	1,402.95
		Washington Southern Rwy.....	262.47

Total amount paid for freight under above appropriation.....	\$6,882.96
By apparent difference between bond-aided accounts as submitted and as paid by Treasury.....	128.64
Balance.....	6,754.32

EXPRESS.

Name.	Amount.	Name.	Amount.
Adams Express Co.....	\$855.42	Wells Fargo & Co.....	\$27.50
United States Express Co.....	1,312.51		

Total amount paid for express under above appropriation, \$2,195.43.

TELEGRAPH.

Western Union Telegraph Co.....	\$312.46	Postal Telegraph Cable Co.....	\$63.53
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Total amount paid for telegraph under above appropriation, \$375.99.

TELEPHONE.

Chesapeake and Potomac Telephone Co.....	\$60.80		
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RENT.

Norton & Baker.....	\$30.00		
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GAS AND ELECTRICITY.

Potomac Electric Power Co.....	\$83.26	Washington Gaslight Co.....	\$17.80
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Total amount paid for gas and electricity under above appropriation, \$101.06.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

TRAVELING EXPENSES.

Name.	Amount.	Name.	Amount.
Jesse C. Adkins.....	\$8.45	J. W. Mills.....	\$41.95
D. S. Bliss.....	99.60	C. C. Moore.....	193.17
Edgar Brown.....	240.81	Geo. W. Oliver.....	441.99
E. M. Byrnes.....	69.30	A. J. Pieters.....	628.19
W. W. Cobey.....	185.90	Jos. F. Reed.....	405.70
L. C. Corbett.....	6.50	W. O. Richtmann.....	220.54
Beck J. Dee.....	8.15	Alice Maud Sawyer.....	13.61
B. T. Galloway.....	198.98	Susan B. Sipe.....	249.50
A. H. Gilbert.....	182.14	A. V. Stubenrauch.....	19.50
Jacob Huether.....	19.30	J. E. W. Tracy.....	1,305.01
W. N. Hutt.....	105.30	Will W. Tracy, sr.....	906.05
John S. Jones.....	24.55	Will W. Tracy, jr.....	197.68
T. H. Kearney.....	60.70	Chas. F. Wheeler.....	6.00
Will Kremers.....	89.18	Southern Pacific Co. (Bond-aided ac- count, settled in treasury).....	57.80
Robert McLennan.....	57.75		

Total amount paid for traveling expenses under above appropriation, \$6,043.30.

Total amount of appropriation for the purchase and distribution of valuable seeds.....	\$242,500.00
Repairs to building.....	7,500.00
By transfer from foreign seeds.....	4,183.54
Repayment to appropriation through Treasury.....	128.64
Total available appropriation for the purchase and distribution of valuable seeds...	254,312.18
Total expenditures under the foregoing groups.....	246,455.01
Balance.....	7,857.17
Amount advanced to S. A. Knapp, temporary special disbursing agent, whose accounts are sent direct to the Treasury.....	1,500.00
Unexpended balance.....	6,357.17

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
Alabama Experiment Station.....	Vegetable tests.....	\$81.00
C. L. Allen.....	do.....	150.00
F. Barteldes & Co.....	Melon seed.....	360.00
W. H. Bowen.....	Cooperative cotton work.....	55.33
D. V. Burrell.....	Vegetable seed.....	1,040.48
Comstock, Ferre & Co.....	Tobacco seed.....	43.85
Connecticut (Storrs) Experiment Station.....	Tests of vegetables.....	6.25
C. Wesley Coy.....	Cucumber tests.....	100.00
J. G. Davis.....	Cooperative cotton work.....	76.37
Edw. F. Dibble.....	Beans.....	279.50
James L. Drohen.....	Assembling seeds.....	41,924.49
W. H. Grenell.....	Beans.....	138.00
W. D. Hammack.....	Cooperative cotton work; paid for itself.....	
W. G. Hinson.....	Cooperative cotton work.....	195.00
Indian Head Plantations.....	Tobacco seed.....	240.00
Jennings & Scott.....	Alterations on seed warehouse.....	6,798.00
Joe M. Johnson.....	Watermelon tests.....	150.00
Jones Bros. Co.....	Okra.....	1,186.25
John Jungerman.....	Alfalfa tests.....	25.00
R. C. Keenan.....	Experimental cotton work.....	
N. B. Keeney & Son.....	Beans and peas.....	150.00
Do.....	do.....	597.00
Knox Express Co.....	Hauling.....	197.14
Lompoc Property and Real Estate Co.....	Vegetable seed.....	963.69
A. W. Long.....	Melon seed.....	1,458.15
J. M. Lupton.....	Vegetable tests.....	47.00
Maine Experiment Station.....	do.....	51.31
Do.....	do.....	100.00
Missouri Experiment Station.....	do.....	255.08

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

CONTRACTS—Continued.

Name of contractor.	Nature of contract.	Approximate amount.
Ariel, Mitchelson & Son.....	Sweet corn.....	\$162.80
E. H. Morrison.....	Flower-seed tests.....	100.00
C. C. Morse & Co.....	Vegetable and flower seed.....	1,568.77
Nebraska Experiment Station.....	Vegetable tests.....	324.90
New Hampshire Experiment Station.....	do.....	57.00
New York (Cornell Station).....	Sugar-beet work.....	73.75
New York State Experiment Station.....	Vegetable tests.....	145.90
J. C. Robinson.....	Vegetable seed.....	2,659.54
Routzan Seed Co.....	Vegetable and flower seed.....	783.60
San Antonio Irrigation Co.....	Water supply.....	10.44
Sioux City Seed and Nursery Co.....	Vegetable seed.....	2,010.00
Slate Seed Co.....	Tobacco seed.....	75.00
South Dakota Experiment Station.....	Vegetable tests.....	200.00
Geo. L. Taber.....	Raising orange stocks.....	1,015.35
J. M. Thorburn & Co.....	Flower and vegetable seed.....	2,914.58
Utah Experiment Station.....	Muskmelon tests.....	242.85
Do.....	Sugar-beet work.....	287.85
Western Seed and Irrigation Co.....	Vegetable seed.....	385.60
T. W. Wood & Sons.....	Vegetable and tobacco seed.....	514.25

[Appropriation: Purchase and distribution of valuable seeds (foreign), \$35,830.82.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
David Fairchild.....	Agricultural explorer, \$2,500...	\$2,291.66			
Henry H. Boyle.....	Expert, \$720 per annum.....	720.00	\$45.49		\$765.49
Copeland P. Jones.....	Clerk, \$900 per annum.....	10.00			
Grace M. Cramer.....	Laborer, \$720 per annum.....	652.00			
C. F. Frazier.....	Laborer, \$600 per annum.....	578.33			
Alexander Monblatt.....	Student assistant, \$25 per month.	317.00			

Total amount paid for salaries in Washington under above appropriation, \$4,568.99.

[Outside of Washington.]

Edward Goucher.....	Special agent, \$900 per annum.	\$300.00			
Henry F. Blanchard.....	Special agent, \$800 per annum.	466.67			
John S. Cole.....	Special agent, \$60 per month.	720.00			
I. G. Marks.....	do.....	660.00			
John H. Tull.....	do.....	302.00	\$323.88		\$625.88
Victor L. Cory.....	Special agent, \$600 per annum.	420.00	118.03		538.03
C. W. Lawrence.....	Special agent, \$50 per month.	600.00	176.30		776.30
Arthur H. Leidigh.....	do.....	450.00			
Oscar D. Thompson.....	Special agent, \$600 per annum.	500.00			
I. G. Marks.....	Special agent, \$50 per month.	50.00			
Bernard G. Johnson.....	Special agent, \$3 per day.....	292.86			
Robert L. Beagles.....	Laborer, \$40 per month.....	40.00			
Charles L. Franklin.....	Laborer, \$30 per month.....	360.00			
Clarence L. Smyrl.....	Laborer, \$25 per month.....	75.00			
Robert L. Beagles.....	Special agent, \$60 per month.	660.00			

Total amount paid for salaries outside of Washington under above appropriation, \$5,896.53.

*Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.*MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
Alexandria Bonded Warehouse Co. (Limited).....	\$845.25	Huyler's.....	\$2.70
Ball and Socket Manufacturing Co.....	16.00	Italian Vineyard Co.....	292.22
Barr & Son.....	4.18	Kelway & Son.....	355.34
John D. Bosch.....	88.06	V. Lemoine & Son.....	206.83
Wm. F. Bowen.....	7.00	Mary Lawrence.....	102.02
Frank T. Budge.....	81.29	Coloniale L'Horticole.....	11.10
Cambridge University, Department of Agriculture.....	29.22	Mackall Bros.....	6.87
G. H. Cave.....	15.92	Nichols Hardware Co.....	101.00
Champagne Freres (Limited).....	19.30	Herbert W. Poulter.....	162.37
J. G. Christopher.....	13.07	Wm. Paul & Son.....	30.78
Clark Guillermo.....	12.39	Edward Palmer.....	85.00
M. G. Copeland Co.....	2.10	Thomas Rivers & Son.....	9.00
Wm. Cutbush & Son.....	12.35	Julius Runge.....	6.57
Dammann & Co.....	122.81	Henry N. Ridley.....	9.74
A. Dessert.....	98.43	Sierra Lumber Co.....	77.00
Alex. Dickson & Sons (Limited).....	17.08	Edw. S. Schmid.....	1.50
Bernard Distel.....	145.20	W. Silas Sheetz.....	10.80
H. W. Durrschmidt.....	184.11	Sutton & Sons.....	44.95
Wm. Ewing & Co.....	100.00	Saml. Moses.....	113.02
D. G. Fairchild.....	10.00	Salmon & Fils.....	32.51
G. P. Foaden.....	215.00	Suzuki & Iida.....	414.52
Fresno Vineyard Co.....	243.33	Smith, Richard & Co.....	16.18
Emil Greiner.....	3.12	H. R. Silliman.....	5.00
Gould Manufacturing Co.....	22.55	J. C. Schmidt.....	1.50
Getz Bros. & Co.....	5.00	Thos. A. Scarlett.....	38.93
W. R. Grace & Co.....	5.75	J. M. Thorburn & Co.....	1.75
Graham Bros.....	4.17	Tips Hardware Co.....	95.25
Gundlach-Bundocher Wine Co.....	83.00	To-Kalon Vineyard Co.....	560.45
Jamin Ferdinand.....	15.60	James Veitch & Sons.....	149.28
Haage & Schmidt.....	18.62	Vilmorin- Andrieux & Co.....	953.24
F. C. Heinemann.....	4.06	Whitall, Tatum & Co.....	8.25
Max Herb.....	7.81	Western Distilleries Distribution Co.....	36.40
The Hills Bros. Co.....	71.76	Gerritt P. Wilder.....	10.00
Hogg & Robertson.....	5.72	C. H. Wente.....	133.65
Harold Holt.....	23.75	L. S. Wilcox.....	6.59
Hughes & Co.....	51.18	J. A. White.....	15.00
		Yokahoma Nursery Co.....	326.59

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$7,038.08.

FURNITURE.

Thos. W. Smith.....	\$34.70		
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FREIGHT.

Baltimore and Ohio R. R. Co.....	\$598.76	California Northwestern Rwy.....	\$0.26
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Total amount paid for freight under above appropriation, \$599.02.

EXPRESS.

Adams Express Co.....	\$0.45	Wells, Fargo and Co.....	\$31.56
United States Express Co.....	13.80		

Total amount paid for express under above appropriation, \$45.81.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

TRAVELING EXPENSES.

Name.	Amount.	Name.	Amount.
Henry F. Blanchard	\$93.57	Arthur H. Leidigh	\$310.39
D. S. Bliss	131.26	Angus C. Mann	116.33
Henry H. Boyle	45.49	H. A. Miller	324.88
M. A. Carleton	370.18	G. W. Oliver	130.24
Victor L. Cory	118.03	W. A. Orton	33.18
David G. Fairchild	949.90	C. V. Piper	319.37
L. A. Fitz	165.67	P. H. Rolfs	381.12
B. T. Galloway	213.38	W. T. Swingle	177.95
Edward Goucher	62.15	John H. Tull	323.88
W. L. Howard	9.45	A. F. Wood	443.21
H. E. Juenemann	190.55	Southern Pacific Co. (bond-aided ac- count)	145.40
T. H. Kearney	399.75	Settled in Treasury Department	15.45
C. W. Lawrence	176.30		

Total amount paid for traveling expenses under above appropriation, \$5,647.08.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

Geo. S. Baker	\$20.50	A. J. Pieters	\$288.70
M. A. Carleton	96.50	P. H. Rolfs	43.90
P. H. Dorsett	368.18	I. P. Roosa	2.20
S. A. Knapp	472.80	A. V. Stubenrauch	499.49
Arthur H. Leidigh	39.21	P. J. Wester	37.60

Total amount paid for station and field expenses under above appropriation, \$1,869.08.

Total amount of appropriation for foreign seeds	\$40,000.00
By transfer to purchase and distribution of valuable seeds	4,183.54
Balance of appropriation for foreign seeds	35,816.46
Repayment to appropriation through Treasury	14.36
Total available appropriation	35,830.82
Total expenditures under foregoing groups	25,699.29
Balance	10,131.53
Advances to the following temporary special disbursing agents who rendered their accounts direct to the Treasury:	
P. H. Dorsett	\$6,380.00
T. H. Kearney	2,437.93
S. A. Knapp	500.00
W. T. Swingle	500.00
	9,817.93
Unexpended balance	313.60
Total amount appropriated by Congress for the purchase and distribution of valuable seeds, including \$40,000 for foreign seeds and \$7,500 for repairs to building	290,000.00
Repayments to appropriation through Treasury	143.00
Total available appropriation	290,143.00
Total expenditures under the foregoing groups for domestic seeds, for foreign seeds, and for repairs to building	272,154.30
Balance	17,845.70
Advances to temporary special disbursing agents under the above appropriations whose accounts were sent direct to the Treasury	11,317.93
Balance under the above appropriations	6,670.77

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
John D. Bosch.....	Cooperative vineyard work.....	\$88.06
Bernard Distel.....	do.....	145.20
R. H. Forbes.....	Berseem tests (nothing paid; liabilities, \$300).....	
Fresno Vineyard Co.....	Cooperative vineyard work.....	243.33
Gundlach-Bundschu Co.....	do.....	83.00
Italian Vineyard Co.....	do.....	292.22
Mary Lawrence.....	do.....	102.02
M. Samuel.....	do.....	113.02
To-Kalon Vineyard Co.....	do.....	560.45
C. H. Wentz.....	do.....	133.65

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[Appropriation: Investigating production of domestic sugar, \$7,500. Outside of Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Charles F. Saylor.....	Special agent, \$225 per month...	\$2,700.00	\$1,151.58	\$244.54	\$4,096.12
J. E. W. Tracy.....	Expert, \$1,600 per annum.....	1,000.10	1,305.01		2,305.11
Do.....	Expert, \$1,400 per annum.....	524.90			
Joseph F. Reed.....	Scientific aid, \$600 per annum.....	550.00			
Will Kremers.....	Special agent, \$20 per month.....	240.00	89.18		329.18
Geo. W. Churchill.....	Collaborator, \$200 per annum.....	200.00			

Total amount paid for salaries outside of Washington under above appropriation, \$5,215.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
W. J. Carpenter.....	\$24.95	Hardie Co., The.....	\$110.00
Continental Sugar Co.....	8.75	Hickox & Mull Manufacturing Co....	14.25
Henry Fritz.....	37.10	Michigan Carbon Works.....	125.00

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$320.05.

EXPRESS.

United States Express Co.....	\$2.00		
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TELEGRAPH.

Postal Telegraph-Cable Co.....	\$0.41	Western Union Telegraph Co.....	\$0.35
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Total amount paid for telegraph under above appropriation, \$0.76.

TRAVELING EXPENSES.

Joseph F. Reed.....	\$58.00	C. O. Townsend.....	\$230.21
Chas. F. Saylor.....	1,151.58		

Total amount paid for traveling expenses under above appropriation, \$1,439.79.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

Name.	Amount.	Name.	Amount.
Chas. F. Saylor.....	\$244.54		

Amount of appropriation.....	\$7,500.00
Total of several groups under above appropriation.....	7,222.14
Unexpended balance.....	277.86

[Appropriation: Cotton boll weevil investigations, \$90,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
G. N. Collins.....	Assistant, \$1,800 per annum.....	\$150.00			
W. P. Gouchenour.....	Clerk, \$1,400 per annum.....	408.32			
Bert Cuppernell.....	Clerk, \$1,200 per annum.....	1,200.60			
N. V. Price.....	Clerk, \$900 per annum.....	892.50			
L. H. Davenport.....	Clerk, \$840 per annum.....	840.00			
I. L. Doyle.....	Messenger, \$720 per annum.....	228.00			
A. L. Kemball.....	Clerk, \$480 per annum.....	480.00			
Clifford Morse.....	Laborer, \$480 per annum.....	132.00			
R. M. Meade.....	Laborer, \$25 per month.....	83.33			
E. R. Chew.....	Laborer, \$1.25 per day.....	103.13			

Total amount paid for salaries in Washington under above appropriation, \$4,517.28.

[Outside of Washington.]

Dr. S. A. Knapp.....	Special agent, \$3,000 per annum.....	a \$3,247.25	\$713.90	\$989.60	\$4,950.75
H. J. Webber.....	Physiologist, \$2,750 per annum.....	572.91			
Geo. W. Curtis.....	Special agent, \$2,500 per annum.....	1,560.17	544.05		2,104.22
R. L. Bennett.....	Special agent, \$2,000 per annum.....	a 2,164.79	151.38	480.72	2,796.89
S. M. Tracy.....	do.....	a 2,164.80	940.44	13.33	3,118.57
D. A. Brodie.....	Assistant, \$1,600 per annum.....	733.31			
F. L. Lewton.....	do.....	133.33			
D. A. Saunders.....	Special agent, \$1,500 per annum.....	1,500.00	525.83	271.07	2,296.90
D. N. Shoemaker.....	do.....	1,500.00	577.25	97.83	2,175.08
Harmon Benton.....	Assistant to Agrostologist, \$1,400 per annum.....	159.45	113.83		273.28
A. W. Edson.....	Assistant Physiologist, \$1,200 per annum.....	1,275.57	885.03	270.92	2,431.52
G. F. Miles.....	Special agent, \$1,000 per annum.....	750.00	1,542.85		2,292.85
G. F. Miles.....	Special agent, \$960 per annum.....	320.77			
C. W. Warburton.....	Special agent, \$900 per annum.....	974.20	1,272.62		2,246.82
M. A. Crosby.....	Special agent, \$840 per annum.....	909.20	1,326.19		2,235.39
W. L. Williamson.....	Special agent, \$350 per annum.....	320.84			
S. M. Bain.....	Special agent, \$200 per month.....	a 1,279.33	358.58	49.56	1,687.47
F. E. Richardson.....	Special agent, \$200 per annum.....	66.67			
Wm. M. Bamberge.....	Special agent, \$125 per month.....	750.00	784.70		1,534.70
John H. Kinsler.....	do.....	500.00			
James A. Evans.....	Special agent, \$100 per month.....	600.00	253.40		853.40
Geo. P. Goll.....	do.....	400.00	1,476.82		1,876.82
William R. Maxon.....	do.....	200.00			
G. A. Schattenberg.....	do.....	200.00			
J. E. Wemple.....	do.....	500.00	426.40		926.40
J. E. Adger.....	Special agent, \$80 per month.....	560.00	340.00		900.00
Lea Beaty.....	do.....	216.00	339.27		555.27
W. D. Bentley.....	do.....	400.00	438.45		838.45
L. J. Berryman.....	do.....	480.00	705.20		1,185.20
C. H. Billingsley.....	do.....	a 1,032.00	421.99		1,453.99
D. H. L. Bonner.....	do.....	240.00	239.91		479.91
M. W. Buell.....	do.....	320.00	29.99		349.99
R. R. Claridge.....	do.....	160.00	75.30		235.30
Mariana Crosby.....	do.....	960.00			

a June salary included, because paid in July, fiscal year 1905.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
James A. Evans	Special agent, \$80 per month . .	\$560.00			
R. E. L. Giles	do	160.00	\$37.45		\$197.45
G. A. Hall	do	^a 1,040.00	630.35		1,670.35
E. H. Harman	do	117.33	245.75		363.08
F. A. Hilley	do	400.00	315.84		715.84
H. N. Hoffer	do	480.00	477.65		957.65
W. S. Keaghey	Lecturer, \$80 per month	80.00	83.15		163.15
W. E. Keeble	Special agent, \$80 per month . .	160.00	197.00		357.00
A. B. Kinnebrew	do	922.67	289.00		1,211.67
W. F. Procter	do	^a 1,040.00	526.85		1,566.85
J. L. Quicksall	do	422.67	291.05		733.72
John P. Slaterry	do	202.67	128.65		331.32
R. D. Watson	do	480.00	721.85		1,201.35
J. E. Wemple	do	480.00			
G. T. Williams	do	480.00	396.52		876.52
J. E. Adger	Special agent, \$75 per month . .	40.00			
Wm. H. Bamberge	do	525.00			
Lea Beaty	do	450.00			
E. B. Boykin	do	900.00	403.04		1,303.04
Geo. P. Goll	do	400.00			
H. N. Hoffer	do	450.00			
Irene Kinnebrew	do	900.00			
R. D. Watson	do	525.00			
Irene White	do	412.50			
Eva C. Whitley	Special agent, \$900 per annum . .	900.00			
Benj. Andrews	Special agent, \$60 per month . .	360.00	165.25		525.25
E. M. Beall	Clerk, \$60 per month	104.00			
W. D. Bentley	Special agent, \$60 per month . .	360.00			
L. J. Berryman	do	360.00			
D. H. L. Bonner	do	120.00			
J. W. Carson	do	482.00			
R. R. Claridge	do	60.00			
Mariana Crosby	do	60.00			
Louise Decker	do	390.00			
W. W. Gilbert	do	544.00	315.98		859.98
E. H. Harman	do	400.00			
J. F. Henderson	do	300.00	214.77		514.77
L. C. Hill	do	60.00			
F. A. Hilley	do	400.00			
W. E. Keeble	do	360.00			
Irene Kinnebrew	do	60.00			
J. A. Palmer	do	210.00	47.75		257.75
T. L. Peeler	do	60.00			
L. L. Perrin	do	240.00	319.10		559.10
J. L. Quicksall	do	360.00			
Geo. Scarborough	do	76.00	53.25		129.25
S. H. Watson	do	360.00	99.75		459.75
Eva C. Whitley	do	60.00			
G. T. Williams	do	360.00			
W. G. Wilkins	do	188.00	77.20		265.20
J. C. Beck	Special agent, \$65 per month . .	617.50	132.10		749.60
F. J. Duggar	Expert, \$50 per month	150.00			
R. H. Hay	Special agent, \$50 per month . .	100.00			
C. J. Barrow	Lecturer, \$40 per month	80.00			
Louise Decker	Special agent, \$40 per month . .	40.00			
L. C. Will	do	280.00			
T. L. Peeler	do	240.00			
S. H. Watson	do	293.33			
R. R. Claridge	Special agent, \$30 per month . .	90.00			
R. R. Will	do	90.00			
T. L. Peeler	do	90.00			
Lea Beaty	Special agent, \$25 per month . .	57.50			
J. F. Duggar	Expert, \$25 per month	175.00			
R. E. L. Giles	Special agent, \$25 per month . .	75.00			
E. R. Lloyd	Special agent, \$1,000 per annum .	130.00	60.25		190.25
J. S. Davis	Special agent, \$4 per day	80.00	41.40		121.40
John S. Kerr	do	48.00	36.80		84.80
H. E. Singleton	do	136.00	64.75		200.75
Ben R. Nash	Lecturer, \$2 per day	22.00	34.00		56.00
E. M. Platt	Clerk, photographer, and typographer, \$1.25 per day	20.00			

^a June salary included, because paid in July, fiscal year 1905.

Total amount paid for salaries outside of Washington under the above appropriation, \$48,846.76.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

STATIONERY.

Name.	Amount.	Name.	Amount.
R. P. Andrews & Co.	\$133.50	John C. Parker.	\$3.15
R. Carter Ballantyne.	3.15	J. J. Pastoriza Printing and Litho-	
The Cargill Co.	160.35	graph Co.	91.40
J. V. Dealy Co.	35.40	Remington Typewriter Co.	5.00
Eberhard Faber.	1.77	W. L. Swayze.	5.79
E. Morrison Paper Co.	14.75	Underwood Typewriter Co.	255.00
Paragon Printing Co.	20.00	Union Envelope Co.	377.34
D. Frank Parker.	59.20	U. S. Envelope Co.	81.15

Total amount paid for stationery under above appropriation, \$1,246.95.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Alexander Seed Co.	\$54.51	Kuhlman & Co.	\$18.20
L. B. Alford.	120.00	Ernest Laas.	89.35
E. A. Allen.	34.50	W. C. Lawson & Co.	42.00
S. L. Allen & Co.	36.00	J. C. Lewis.	23.95
Allison Supply Co.	15.75	Mackall Bros.	48.48
T. B. Aughtry & Co.	76.60	do.	2.60
Sam Avard.	16.50	Marks & Gale.	31.13
B. H. Barry.	200.00	J. H. McElwain.	30.00
Bausch & Lomb Optical Co.	224.87	Abner C. McGhee.	4.00
T. J. Baxter.	100.00	McLendon Hardware Co.	14.75
Christian Becker.	11.00	C. O. McIntosh.	35.00
Conrad Becker.	8.50	O. McWhorter.	30.00
Bluff City Oil Co.	17.70	A. D. Mebane.	33.30
J. C. Boyett.	115.75	T. M. Miller.	24.00
Anthony Bozeman.	10.20	W. H. Mize.	8.58
Brazelton & Johnson.	46.38	E. Morrison Paper Co.	23.15
L. Bramm. ....	.50	Geo. F. Muth. ....	.35
Britt & Johnson.	28.45	L. C. Newman.	56.55
Caddo Fertilizer and Oil Co.	63.51	Northern Louisiana Cotton Planters	
Frederick Carl.	6.00	Association.	89.86
John Chantillon & Sons.	7.50	J. D. Ozier.	9.00
B. T. Childress.	6.47	Paris Wholesale Drug Co.	48.00
Clements & Bowl.	26.00	L. W. Peebles.	11.25
T. E. Clements.	14.00	W. C. Porter.	757.30
R. C. Commander.	3.00	W. A. Price.	28.00
Continental Gin Co.	83.20	Provident Electric Co.	160.00
John Cruze.	7.75	E. J. Pullman.	51.72
J. E. Culpepper.	3.38	Joe Ray.	30.37
De Kalb Lumber Co.	29.51	Remington Typewriter Co.	82.00
J. F. Duggar.	2.52	J. Richard.	162.12
Eimer & Amend.	92.46	J. E. Riley.	199.73
Excelsior Seed Farm.	10.00	Roach & Hughes.	10.00
Farmers' Alliance Cooperative Asso-		R. H. Rogers.	7.25
ciation.	9.90	The Rotan Grocery Co.	131.87
Geo. D. Feidt & Co.	29.89	M. F. Rourke Co.	74.55
John W. Fitzhugh.	14.25	H. O. Samuell.	2.60
W. B. Folmar.	15.00	Marx Schaeffer.	41.90
Folmer & Schwing Manufacturing Co.	165.00	Fred A. Schmidt.	36.15
Foster & Glassell Co. (Limited)	30.00	W. Silas Sheetz.	425.17
Fulton Bag and Cotton Mills.	15.26	B. B. Simms.	87.06
Z. D. Gilman.	2.60	H. L. Smith.	57.50
B. F. Glover & Son Commission Co.	35.11	Southern Cotton Oil Co.	156.00
I. M. Gore.	23.94	Lee Tayloe.	38.00
Emil Greiner.	4.34	Texas Agricultural Experiment Sta-	
F. M. Greene.	165.10	tion.	45.95
D. J. Griffith.	21.00	Texas Seed and Floral Co.	101.05
J. H. Hancock.	12.50	Arthur H. Thomas Co.	42.10
Harvey Seed Co.	10.00	J. M. Thorburn & Co.	28.00
Harrison & Schulze.	34.30	James Topham.	47.00
H. G. Hastings & Co.	4.58	Virginia-Carolina Chemical Co.	47.49
Jas. M. Henderson.	10.00	Homer D. Wade.	69.00
F. A. Herron.	10.00	H. G. Wagner Photograph Co.	4.50
H. E. Hildebrand.	252.98	C. Weichel Co.	161.16
Howell Bros.	88.25	Whitall Tatum Co.	42.29
C. R. Hudson.	8.00	W. M. Whyte.	22.50
C. D. Hughes.	154.51	Willett Drug Co.	23.05
J. Hurt Jones.	10.00	B. D. Wilson.	32.00
H. P. Jones.	1.50	M. & E. Wolf.	10.00
James F. Jones.	100.27	Woods & Henshaw.	14.00
W. P. Jones.	10.00	T. W. Woods & Sons.	25.60
R. C. Keenan.	16.50	Woodward & Lothrop.	49.88
M. B. Keese.	6.60	J. C. Wooters & Co.	35.11
William Kraft.	103.25		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$6,550.61.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

FURNITURE.

Name.	Amount.	Name.	Amount.
The Fred Macey Co. (Limited).....	\$58.50	Woodward & Lothrop.....	\$30.05
M. A. Tappan.....	5.00	Yawman & Erbe Manufacturing Co..	4.00

Total amount paid for furniture under above appropriation, \$97.55.

FREIGHT.

Missouri, Kansas and Texas Rwy. Co.	\$33.85	Washington Southern Rwy.....	\$9.30
Texas and New Orleans R. R. Co....	125.76	Chesapeake and Ohio Rwy. Co.....	38.07
Vicksburg, Shreveport and Pacific Rwy. Co.....	151.31	Littleheld, Alvord & Co.....	1.19

Total amount paid for freight under above appropriation, \$359.48.

EXPRESS.

Adams Express Co.....	\$33.80	United States Express Co.....	\$8.93
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Total amount paid for express under above appropriation, \$42.73.

TELEGRAPH.

Postal Telegraph-Cable Co.....	\$12.55	Western Union Telegraph Co.....	\$69.91
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Total amount paid for telegraph service under above appropriation, \$82.46.

RENT.

I. L. & C. J. Wolf.....	\$360.75		
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GAS AND ELECTRICITY.

Houston Lighting and Power Co.....	\$2.10		
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TRAVELING EXPENSES.

J. E. Adger.....	\$340.00	A. B. Kinnebrew.....	\$289.00
Benj. Andrews.....	165.25	S. A. Knapp.....	713.90
S. M. Bain.....	358.58	F. L. Lewton.....	27.50
O. M. Ball.....	7.75	E. R. Lloyd.....	60.25
Wm. M. Bamberge.....	784.70	Argyle McLachlan.....	380.60
Lea Beaty.....	339.27	G. F. Miles.....	1,542.85
J. C. Beck.....	132.10	H. A. Miller.....	200.00
R. L. Bennett.....	100.42	H. A. Morgan.....	46.65
W. D. Bentley.....	438.45	Ben R. Nash.....	34.00
Harmon Benton.....	71.99	W. A. Orton.....	373.89
L. J. Berryman.....	705.20	J. A. Palmer.....	47.75
C. H. Billingsley.....	299.18	L. Perrin.....	319.10
D. H. L. Bonner.....	239.91	W. F. Proctor.....	526.85
E. B. Boykin.....	403.04	J. L. Quicksall.....	291.05
D. A. Brodie.....	501.58	D. A. Saunders.....	525.83
R. R. Claridge.....	62.70	Geo. Scarborough.....	53.25
L. C. Corbett.....	548.37	C. S. Scofield.....	6.35
M. A. Crosby.....	1,326.19	C. L. Shear.....	311.73
Geo. W. Curtis.....	544.05	D. N. Shoemaker.....	577.25
W. R. Dodson.....	88.10	John P. Slattery.....	128.65
J. F. Dugger.....	45.30	H. L. Smith.....	104.10
A. W. Edson.....	855.03	W. J. Spillman.....	1,144.68
James A. Evans.....	253.40	J. W. Stiles.....	9.50
R. E. L. Giles.....	37.45	S. M. Tracy.....	95.76
W. W. Gilbert.....	259.59	C. W. Warburton.....	1,229.77
G. A. Hall.....	630.35	R. D. Watson.....	721.85
E. H. Harman.....	245.75	S. H. Watson.....	99.75
Chas. S. Heller.....	128.04	H. J. Webber.....	478.19
J. F. Henderson.....	214.77	J. E. Wemple.....	426.40
F. A. Hilley.....	315.84	Irene White.....	37.30
H. N. Hoffer.....	477.65	W. G. Wilkins.....	77.20
W. S. Keaghey.....	83.15	G. T. Williams.....	396.52
W. E. Keeble.....	197.00	O. Wilson.....	22.75
John S. Kerr.....	20.65		

Total amount paid for traveling expenses under above appropriation, \$22,551.02.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

Name.	Amount.	Name.	Amount.
S. M. Bain.....	\$49.56	D. A. Saunders.....	\$271.07
R. L. Bennett.....	480.72	D. N. Shoemaker.....	97.83
G. N. Collins.....	15.15	W. J. Spillman.....	1,131.75
A. W. Edson.....	270.92	S. M. Stewart.....	5.04
S. A. Knapp.....	516.80	S. M. Tracy.....	13.33
Ernest Lass.....	44.70	C. Weichsel.....	58.90
Wm. Munford.....	216.39		

Total amount paid for station and field expenses under above appropriation, \$3,172.16.

Total amount of original allotment.....	\$90,000.00
Additional amount transferred from the Secretary's reserve.....	270.60
Total available appropriation.....	90,270.60
Total expenditures as shown by foregoing groups.....	90,270.60
Unexpended balance.....	0.00

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
The A. P. Brantley Co.	Cotton.....	Liability. \$500.00
J. L. Carroll.....	Growing cotton.....	16.00
Do.....	do.....	80.00
B. T. Childers.....	do.....	2,550.00
H. N. Edzards.....	Cotton.....	510.00
W. H. Fielding.....	do.....	60.00
Do.....	Growing cotton.....	450.00
Anton Freytag.....	do.....	90.00
R. M. Hodges.....	Experimental cotton.....	100.00
D. L. Kenan.....	Cotton.....	24.00
Marik Stanley.....	do.....	90.00
A. D. Mebane.....	do.....	180.00
E. S. Peters.....	do.....	360.00
T. O. Plunkett.....	do.....	900.00
D. C. Robinett.....	do.....	200.00
Do.....	do.....	25.50
Marx Schaeffer.....	Experimental cotton.....	150.00
W. W. Vauter.....	Cotton.....	200.00
J. E. Whiteselle.....	do.....	175.00

[Appropriation: Cotton-boll weevil (Secretary's reserve), \$17,856.58.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[Outside of Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
John S. Kerr.....	Special agent, \$100 per month.	\$83.33	.....	.....	.....
Max W. Buell.....	Special agent, \$80 per month.	2.67	.....	.....	.....
C. B. Doyle.....	Expert, \$75 per month.	60.00	.....	.....	.....
G. P. Goll.....	Special agent, \$75 per month.	75.00	.....	.....	.....
Argyle McLachlan.....	Special agent, \$60 per month.	56.00	\$1,441.47	.....	\$1,497.47
Bernard R. Bristol.....	Special agent, \$40 per month.	37.33	442.00	.....	479.33
R. R. Claridge.....	Special agent, \$4 per diem.	60.00	.....	.....	.....
W. J. Duffel.....	do.....	116.00	70.50	.....	186.50
Tom Frazier.....	do.....	244.00	102.10	.....	346.10
R. E. Smith.....	do.....	156.00	41.70	.....	197.70
H. E. Singleton.....	do.....	176.00	.....	.....	.....

Total amount paid for salaries outside of Washington under above appropriation, \$1,066.33.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

STATIONERY.

Name.	Amount.	Name.	Amount.
E. Morrison Paper Co.....	\$2.50		

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENTS, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

The Dallas Morning News.....	\$8.00	Houston Printing Co.....	\$12.00
Express Publishing Co.....	8.50	George F. Muth Co.....	14.70
Z. D. Gilman.....	2.10	M. A. Tappan.....	11.00

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$56.30.

FREIGHT.

Baltimore and Ohio R. R. Co.....	\$37.05	Mobile and Ohio R. R. Co.....	\$23.40
La Compañía del Ferrocarril Vera Cruz Agencias del Norte.....	5.50	St. Louis and San Francisco R. R. Co.	34.65

Total amount paid for freight under above appropriation, \$100.60.

TELEGRAPH.

Western Union Telegraph Co.....	\$188.58		
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TRAVELING EXPENSES.

Name.	Amount.	Name.	Amount.
R. L. Bennett.....	\$88.01	G. P. Goll.....	\$467.85
Bernard R. Bristol.....	138.92	W. L. Hutchinson.....	67.00
R. R. Claridge.....	12.60	John S. Kerr.....	16.15
O. F. Cook.....	155.30	B. W. Kilgore.....	23.20
J. S. Davis.....	41.40	F. L. Lewton.....	667.51
W. R. Dodson.....	82.90	Argyle McLachlan.....	122.24
C. B. Doyle.....	124.00	P. H. Mell.....	44.69
W. J. Duffel.....	70.50	H. A. Morgan.....	47.00
J. F. Duggar.....	63.61	R. J. Redding.....	32.80
John Fields.....	64.05	H. E. Singleton.....	64.75
J. M. Fields.....	34.65	R. E. Smith.....	41.70
Tom Frazier.....	102.10	W. G. Vincenheller.....	65.10

Total amount paid for traveling expenses under above appropriation, \$2,638.03.

Total amount of appropriation.....	\$17,856.58
Total expenditures as shown by foregoing groups.....	4,032.34

Balance..... 13,804.24

Advances to temporary special disbursing agents whose accounts were sent direct to the Treasury:

Guy N. Collins.....	\$1,000.00
J. H. Kinsler.....	1,800.00
Wm. A. Maxon.....	1,400.00
O. F. Cook.....	2,962.50

6,162.50

Repayments by temporary special disbursing agents to treasury..... 592.82

7,755.32

Unexpended balance..... 6,048.92

Balance of cotton boll weevil appropriation available on July 1, 1904, \$205,564.11 (act of January 15, 1904).

The amounts allotted to Bureau of Plant Industry from this appropriation were \$90,000, \$270.60, and \$17,856.58, in all.....	108,127.18
Total expenditures as shown by groups.....	102,078.26

Unexpended balance..... 6,048.92

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

[Appropriation: Rent of quarters, \$2,500 (deficiency act January 5, 1905).]

RENT.

Name.	Amount.	Name.	Amount.
Amanda V. Barker.....	\$175.00	Eliza Gardner.....	\$140.00
Martha J. Briscoe.....	175.00	H. V. Lansdale.....	150.00
Amanda E. Brown.....	270.00	Charles T. Simpson.....	150.00
A. M. Friedrichs.....	175.00	Tyler & Rutherford.....	1,250.00

Total amount paid for rent under above appropriation, \$2,485.
 Unexpended balance, \$15.

[Appropriation: Building, Department of Agriculture, \$250,000.]

LUMP FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
John C. Dalphin.....	Assistant on new building, \$25 per month.	\$247.50			
S. Franklin Gardner...	Mechanical engineer and superintendent, \$2,000.	1,999.99	\$137.34		\$2,137.33
H. L. Gilbert.....	Draftsman, \$1,200.....	856.67			
J. C. Palmer.....	Inspector, \$1,800.....	900.00			
Ranklin, Kellogg & Crane.	Architects, \$75 per day.....	975.00	154.18		1,129.18
John S. Sewell.....	Supervising engineer, \$650.....	649.38	54.50		703.88
R. Bernard Talcott....	Consulting mechanical engineer, \$700.	700.00	115.70		815.70
Irene White.....	Aid, \$720.....	330.00			
R. L. Beazley.....	Unskilled laborer, \$1.50 per day	12.00			
Edward Bobbett.....	do.....	7.13			
C. P. Brooks.....	do.....	12.00			
John Burton.....	do.....	25.50			
George Calwell.....	do.....	6.00			
Peter Cooper.....	do.....	7.13			
Frank Exum.....	do.....	7.50			
Daniel A. Ford.....	do.....	4.50			
Wm. H. Furrow.....	do.....	4.38			
A. Given.....	do.....	12.00			
John Henry.....	do.....	4.88			
Walter B. Hill.....	do.....	8.25			
A. Holladay.....	do.....	4.88			
James Jackson.....	do.....	4.88			
Jackson Mitchell.....	do.....	4.50			
Westley Smallwood.....	do.....	4.88			
B. M. Smith.....	do.....	7.50			
Kemp P. Smith.....	do.....	8.25			
James Stanford.....	do.....	4.88			
Henson Tinker.....	do.....	4.88			
Benj. Turner.....	do.....	3.00			
Rudolph Washington.....	do.....	12.00			
Isaac B. Webb.....	do.....	4.50			
Geo. F. Welch.....	do.....	7.50			
Morrow Whitman.....	do.....	3.38			

Total amount paid for salaries in Washington under the above appropriation, \$6,844.84.

STATIONERY.

Name.	Amount.	Name.	Amount.
Ballantyne & Son.....	\$36.28	Geo. F. Muth.....	\$26.59
Morrison Paper Co.....	26.20		

Total amount paid for stationery under above appropriation, \$89.07.

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
American Architect and Building News.....	\$22.50	Powell & White (The Western Architect and Builder).....	\$73.44
R. C. M. Burton & Son.....	4.00	Rankin, Kellogg & Crane.....	24,225.00
R. P. Clark Co.....	2.00	C. L. Saers & Son.....	683.35
F. Daib (American Contractors' Publishing Co.).....	33.08	Fred A. Schmidt.....	331.25
P. Dudley.....	1,024.00	Thos. Somerville & Sons.....	395.82
The Engineer Record.....	40.60	A. B. Stannard.....	45,402.25
The Evening Star.....	24.30	John T. Walker.....	1,377.25
Geo. H. Frost (Engineering News).....	40.60	Washington Post.....	45.00
J. Whitt Herron (Evening Star).....	3.60	Washington Times.....	35.00
National Electric Supply Co.....	18.70	Water department, District of Columbia.....	169.08
Philadelphia Real Estate Record and Builders' Guide.....	29.00		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$73,930.62.

FURNITURE.

W. H. Dyer.....	\$39.00	J. L. Mott Iron Works.....	\$28.00
W. H. Hoeke.....	22.50	F. S. Sharp & Son.....	5.74
Julius Lansburgh Furniture and Carpet Co.....	2.30	Woodward & Lothrop.....	81.22
W. B. Moses & Sons.....	28.56	Yawman & Erbe Manufacturing Co.....	88.63

Total amount paid for furniture under above appropriation, \$295.95.

EXPRESS.

George W. Knox Express Co.....	\$2.00	United States Express Co.....	\$4.30
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Total amount paid for express under above appropriation, \$6.30.

TELEGRAPH.

Postal Telegraph-Cable Co.....	\$1.40	Western Union Telegraph Co.....	\$0.74
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Total amount paid for telegraphic service under above appropriation, \$2.14.

TELEPHONE.

Chesapeake and Potomac Telephone Co.....	\$3.05		
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TRAVELING EXPENSES.

Edward A. Crane.....	\$5.42	Rankin, Kellogg & Crane.....	\$154.18
B. T. Galloway.....	10.25	John Stephen Sewell.....	54.50
S. Franklin Gardner.....	137.34	R. Barnard Talcott.....	115.70
Thos. M. Kellogg.....	53.37		

Total amount paid for traveling expenses under above appropriation, \$530.76.

Total amount of appropriation for building, Department of Agriculture, sundry civil act, March 3, 1903, Digest of Appropriations, page 321, the supervision of which was placed under the Chief of the Bureau of Plant Industry.....	\$250,000.00
Total expenditures to June 30, 1905, as shown by the foregoing groups.....	81,702.73

Unexpended balance, available until used..... 168,297.27

Expenditures of the Bureau of Plant Industry, Department of Agriculture, etc.—Continued.

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
A. B. Stannard.....	Constructing department new buildings, \$1,182,-629.45.	\$45,402.25
Rankin, Kellogg & Crane.....	Drawing plans new buildings, \$45,000.	24,225.00
John T. Walker.....	Erection office building, \$1,377.85.	1,377.85

Total amount paid on contracts under above appropriation.....	\$71,005.10
Liabilities.....	1,229,900.30

Recapitulation of the several appropriations for the Bureau of Plant Industry as distributed among the following groups, and the total expenditures under each.

Statutory salaries.....	\$63,238.11
Lump-fund salaries in Washington.....	272,809.14
Lump-fund salaries outside of Washington.....	112,035.42
Stationery.....	4,952.32
Miscellaneous supplies and services, equipment, books, apparatus, machinery, and laboratory materials of all kinds.....	326,325.99
Furniture.....	6,546.01
Fuel.....	2,744.87
Freight.....	8,413.79
Express.....	3,845.34
Telegraph.....	1,001.94
Telephone.....	351.35
Rent.....	9,688.74
Gas and electricity.....	3,912.56
Traveling expenses.....	72,523.58
Station and field expenses.....	12,024.07
Total for entire Bureau of Plant Industry.....	900,413.23
Total amount of all appropriations for Bureau of Plant Industry.....	1,112,026.62
Total expenditures under the above groups.....	900,413.23
Balance.....	211,613.39
Advance to temporary special disbursing agents, repayments, etc., as shown on preceding sheets.....	24,741.39
Unexpended balance.....	186,872.00

PROJECTS.

The principal projects conducted by the Office of Vegetable Pathology during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

VEGETABLE PATHOLOGICAL AND PHYSIOLOGICAL INVESTIGATIONS.

I. *Pathological laboratory.*

	Apportionment.
1. General laboratory expenses.....	\$12,900
2. Sugar-beet diseases and single-germ work.....	6,400
3. Texas root rot of cotton, alfalfa, etc.....	2,400
4. Wilt disease of cotton and other crops.....	1,000
5. Nematode diseases of crops.....	1,565
6. Cranberry diseases.....	610
7. Orchard-fruit investigations, including work on pear blight, little peach, etc.....	8,300
8. Rice diseases and substitution of crops on rice lands.....	10,000
Total.....	33,675

Expenditures as follows:

Salaries:

E. F. Smith (general).....	2,750.00
J. F. Brewer (artist).....	1,200.00
Lloyd Tenny (scientific laboratory work).....	1,200.00
J. B. Rorer (scientific laboratory work).....	1,200.00
Florence Hedges (scientific laboratory work).....	1,200.00
D. B. Swingle (scientific laboratory work).....	960.00
Agnes Quirk (general laboratory assistant).....	830.00
Thos. Johnson (charman).....	480.00
C. D. Franklin (Arlington Farm).....	150.00
E. C. Rittue (greenhouse, sugar-beet field work).....	1,000.00
Robt. Syphax (greenhouse, sugar-beet field work).....	600.00
Wm. A. Roundtree (Arlington Farm).....	117.37

Salaries—Continued.

	Apportionment.
Alice Haskins (scientific assistant, laboratory work).....	\$654.00
David Bissett (greenhouse).....	500.00
Adeline Ames (scientific laboratory work).....	654.00
L. R. Jones (potato diseases, field).....	600.00
C. O. Townsend (in charge sugar-beet work).....	2,250.00
M. B. Waite (in charge orchard-disease work).....	2,250.00
F. W. Faurot (orchard diseases, Mount Grove, Mo.).....	720.00
P. J. O'Gara (field and laboratory work, fruit diseases).....	1,200.00
W. M. Scott (scientific field and laboratory work, fruit diseases).....	1,800.00
Eugene Scott (spraying fruit trees).....	69.00
E. F. Cole (spraying fruit trees).....	210.00
C. L. Shear (field work on cotton and laboratory and field work on cranberry diseases).....	2,000.00
John Shaefer (field work on cranberry diseases).....	480.00
E. A. Bessey (field and laboratory work, nematodes and diseases affecting timber).....	1,029.17
W. G. Sackett (field work, diseases cotton, etc.).....	160.00
Anna Kemball (scientific laboratory work on cotton, cranberries).....	120.00
Total.....	26,383.54
Field work: Cooperation with experiment stations and private growers, inspection of experimental fields, and necessary travel.....	4,941.10
Miscellaneous: Supplies (general office and laboratory).....	2,473.85
Total.....	7,414.95
Total expenditures.....	33,798.49

Authority: (Digest of Appropriations, p. 363.) * * * Investigating the nature of diseases injurious to fruit, fruit trees, cotton, vegetable, and other useful plants; experiments in the treatment of the same; to investigate the diseases affecting * * * truck crops grown during the winter in the Southern States; * * * to study the relation of soil and climatic conditions to diseases of plants, particularly with reference * * * to diseases of sugar beets; * * * the employment of investigators, local and special agents, clerks, assistants, * * * and other labor required in conducting experiments in the city of Washington and elsewhere, and collating, digesting, reporting, and illustrating the results of such experiments; * * * purchase of chemicals and apparatus required in the field and laboratory; necessary traveling expenses; * * * all necessary office fixtures and supplies, and for other expenses connected with the practical work of the investigations. (Agricultural act April 23, 1904, §150,000. Public, No. 150, p. 6.)

II. Plant-breeding laboratory and investigations.

	Apportionment.
1. Cotton breeding.....	\$3,313.00
2. Production of improved hardy oranges.....	1,358.00
3. Improved varieties of pineapples.....	326.00
4. Indian corn improvement.....	4,559.00
5. Alkali crop work.....	4,722.00
6. Oat breeding.....	1,487.00
7. Tobacco breeding.....	4,120.00
8. Potato breeding.....	294.00
9. General laboratory expenses.....	2,004.00
Total.....	22,183.00

Expenditures as follows:

Salaries:

H. J. Webber (general).....	\$2,750.00
T. H. Kearney (alkali-resisting plants).....	2,000.00
C. P. Hartley (corn breeding).....	1,600.00
E. B. Brown (corn breeding).....	960.00
A. D. Shamel (corn and tobacco).....	1,200.00
J. B. Norton (oats and potatoes).....	1,200.00
L. L. Harter (general and alkali plants).....	960.00
W. H. Osborne (flats).....	250.00
Elsie Lower (artist).....	271.00
Otis H. Gates (stenographer and typewriter).....	225.00
Ida Doyle (general office work).....	270.00
Lilly Ryan (charwoman).....	30.00
W. W. Cobey (tobacco breeding).....	1,500.00
J. Van Leenhoff (tobacco breeding).....	1,200.00
G. E. Barnes (tobacco breeding).....	600.00
H. W. Stedman (citrus breeding, Miami).....	480.00
A. Keyser (western cereal breeding).....	660.00
T. L. Lyon (collaborator).....	11.00
J. T. Barghausen (carpenter).....	93.00
Hugh Fegan (stenographer and typewriter).....	770.00

Total salaries.....	17,030.00
Field work: Cooperation with experiment stations and private growers, inspection of experimental fields, and necessary travel in connection therewith.....	7,678.00
Miscellaneous: Including rent of building, light, fuel, telegraph, telephone, freight, express, and general office and laboratory expenses.....	3,002.00
Total plant breeding laboratory.....	27,710.00

Authority (Digest of Appropriations, p. 363): * * * "To continue the work of originating, by breeding and selection, in cooperation with other divisions of the Department and the experiment stations, new varieties of oranges, lemons, and other tropical and subtropical fruits more resistant to cold and diseases and of better quality; varieties of wheat and other cereals more resistant to rust and smut and better suited to various sections of this country; varieties of cotton more resistant to diseases and of longer and better staple, and varieties of pears and apples more resistant to blight and better adapted for export;" * * * 1905. (Public, 150, p. 6.)

III. *Cereal laboratory and investigations.*

	Apportionment.
1. General laboratory expenses.....	\$3,200.00
2. Extension of winter wheat area.....	300.00
3. Winter grains for the South.....	1,000.00
4. Experiments with proso and emmer.....	5,984.00
5. Experiments in improving spring grains in the Northwest.....	2,400.00
6. Drought-resistant grains and Northwest cooperative work.....	1,000.00
7. Grain inspection and nomenclature.....	
8. Physiological chemistry of grains and flours.....	
9. Cultivation methods in dry land agriculture as applied to cereals.....	
10. Cereal diseases.....	13,884.00
Total.....	

Expenditures as follows:

Salaries:	
M. A. Carleton (in charge of investigations).....	2,500.00
J. S. Chamberlain (physiological-chemical studies of wheat, etc.).....	1,500.00
Leslie A. Fitz (field work in Kansas).....	994.45
J. T. Willard (collaborator, Kansas).....	12.00
Henry A. Miller (laboratory and field work in and about Washington).....	1,000.00
A. H. B. Kinney (stenographer and typewriter).....	1,200.00
J. C. Marquis (grain rusts).....	210.00
J. C. Arthur (cereal rusts).....	300.00
Haven Metcalf (rice rusts).....	324.00
H. F. Blanchard (field work in Kansas, California, etc.).....	133.33
Frank D. Kern (rust work).....	490.00
Alex. Carlyle (field work in Minnesota).....	900.00
W. M. Smith (field labor in Tennessee).....	50.00
W. M. Hays (supervisory field work).....	283.33
John Larson (field work in Minnesota).....	480.00
C. L. Alexander (field work in Minnesota).....	480.00
A. L. Stone (field work in Wisconsin).....	720.00
Professor Moore (collaborator, Wisconsin).....	12.00
O. O. Churchill (field work, North Dakota).....	300.00
John H. Shepperd (collaborator, North Dakota).....	300.00
Thos. S. Hunt (field work, Iowa).....	200.00
Professor Curtiss (collaborator, Iowa).....	12.00
J. W. Jones (field work, Iowa).....	400.00
E. C. Chilcott (supervisory field and laboratory work, Northwest and Washington).....	300.00
Sylvester Balz (field work, North Dakota).....	275.00
Andrew Soule (supervisory work, Tennessee).....	50.00
C. L. Davis (field labor, Tennessee).....	50.00
G. D. McMillan (field work, Minnesota).....	90.00
Total salaries.....	13,566.11
Field work: Cooperating with stations and individual growers, inspection of field work, field supplies, travel, etc.....	770.00
Miscellaneous: Chemicals, office fixtures, photographic supplies, etc.....	180.63
Total.....	14,516.74

Authority (Digest of Appropriations, p. 363): * * * "Investigating the nature of diseases injurious to * * * grain; experiments in the treatment of the same; the study of plant physiology in relation to crop production and the improvement of crops by breeding and selection; * * * to study the relation of soil and climatic conditions to diseases of plants, * * * and for other purposes connected with the discovery and practical application of improved methods of crop production; * * * to continue the work of originating, by breeding and selection * * * varieties of wheat and other cereals more resistant to rust and smut and better suited to the various sections of this country; * * *. For all expenses, including the employment of labor in Washington or elsewhere, to enable the Secretary of Agriculture, through the Bureau of Plant Industry, to carry on special investigations, in cooperation with the State experiment stations, of the conditions of grain production in the United States and of the means of improving the same; to develop varieties suited to semiarid districts and high altitudes; to determine the best methods of cultivation of grain for different districts; to make possible a further extension northward of winter grains by increasing their hardiness; to determine the cause of the deterioration of grain from the milling standpoint, in cooperation with the Bureau of Chemistry; to investigate the conditions affecting the quality of stored grain and grain in transit." (Agricultural act, April 23, 1904, §150,000. Public, 150, p. 6.)

IV. *Physiological laboratory and investigations.*

	Apportionment.
1. General laboratory expenses.....	\$7,000.00
2. Distribution of pure cultures of nitrogen-fixing bacteria.....	3,200.00
3. Work concerning general soil bacteriology, particularly those organisms which fix free nitrogen independently of the roots of plants.....	200.00
4. Cooperative experiments in the South.....	565.00
5. Water contamination by algae.....	1,665.00
6. Extermination of rank growths of algae which destroy watercress and other aquatic crops, also for the removal of algae from stagnant pools, lakes, ponds, which serve as breeding places for mosquitoes.....	200.00
Total apportionment.....	12,830.00

Expenditures as follows:

Salaries:	Apportionment.
K. F. Kellerman (laboratory and field work, nitrogen, bacteria, and water contamination).....	\$1,200.00
F. L. Goll (general laboratory work).....	835.00
T. R. Robinson (mainly executive work).....	1,200.00
C. D. Franklin (Arlington Farm).....	150.00
L. T. Leonard (wrapping bacteria and preparing ingredients).....	300.00
John Merwin (scientific laboratory work).....	941.33
Guy R. Maxwell (wrapping nitrogen bacteria).....	720.00
Pearl Woolverton (clerical work).....	1,000.00
T. D. Beckwith (laboratory work on water contamination).....	720.00
L. T. Sprague (laboratory work on nitrogen bacteria).....	300.00
James Rowan (wrapping bacteria).....	297.50
Eunice Oberly (librarian).....	300.00
Sarah Garner (charwoman).....	100.00
John Bechtold (messenger boy).....	125.00
Harry R. Crump (labor).....	33.75
Addie A. Ege (wrapping bacteria).....	240.00
Laura MacMorris (wrapping bacteria).....	238.00
David Bisset (greenhouse).....	250.00
Total salaries.....	8,960.08
Field work: Cooperative, inspection of field experiments and cleaning reservoirs, and necessary travel.....	2,105.60
Miscellaneous: Office and laboratory supplies.....	2,902.50
Total expenditures.....	13,968.18

Authority (Digest of Appropriations, p. 363): " * * * the study of plant physiology in relation to crop production; * * * to investigate the practical application in agriculture of the fixation of atmospheric nitrogen by bacteria and other microorganisms in soils and in the root tubercles of leguminous and other plants; to cultivate and distribute these nitrogen fixers and to determine the conditions most favorable to their development; to study and find out methods for preventing the algal and other contaminations of water supplies; the employment of investigators, local and special agents, clerks, assistants, * * * and other labor required in conducting experiments in the city of Washington and elsewhere, and collating, digesting, reporting, and illustrating the results of such experiments; * * * purchase of chemicals and apparatus required in the field and laboratory; necessary traveling expenses; all necessary office fixtures and supplies; and other expenses connected with the practical work of the investigations, * * *." (Agricultural act, April 23, 1904, \$150,000. Public, No. 150, p. 7.)

V. *Pacific coast laboratory and Pacific coast gardens.*

	Apportionment.
1. California vine disease.....	\$1,330.00
2. English or Persian walnut investigation.....	1,087.00
3. Adaptation of fruits and nuts to new and climatic conditions.....	520.00
4. General work on fruit diseases.....	1,015.00
5. Work on wild plant improvement.....	1,425.00
6. General laboratory and garden expenses.....	5,194.00
Total apportionment.....	10,571.00

Expenditures as follows:

Salaries:	
N. B. Pierce (in charge of laboratory and garden).....	2,750.00
Mark B. Lacy (clerical).....	720.00
Nis Nissen Lind (garden work).....	715.00
E. A. Metcalfe (garden work).....	835.00
O. Anselmino (labor in garden).....	456.00
J. E. Morrow (field and laboratory work).....	708.00
Total salaries.....	6,184.00
Field work and conduct of laboratory: Light, fuel, rent, apparatus, chemicals, travel, etc.....	4,500.00
Miscellaneous: Supplies purchased on requisition.....	14.50
Total expenditures.....	10,698.50

Authority (Digest of Appropriations, p. 363): " * * * investigating the nature of diseases injurious to fruits, fruit trees, * * * and other useful plants; experiments in the treatment of same; the study of plant physiology in relation to crop production and the improvement of crops by breeding and selection; to investigate and report upon the diseases affecting plants on the Pacific coast; to originate or introduce improved varieties of fruits and vegetables * * * ; to study the relation of soil and climatic conditions to diseases of plants, particularly with reference to California vine disease * * *." (Agricultural act, April 23, 1904, \$150,000. Public, No. 150, p. 7.)

VI. *Mississippi Valley laboratory and timber rot investigations.*

	Apportionment.
1. Laboratory expenses.....	\$4,779.00
2. Experiments on methods of preventing timber rot, and crown gall investigations.....	6,235.00
Total apportionment.....	11,014.00

Expenditures as follows:

Salaries:	Apportionment.
Geo. G. Hedgecock (crown gall mainly)	\$1,200.00
Perley Spaulding (timber diseases, field and laboratory work)	1,130.00
Frances Stilwell (scientific laboratory work)	690.00
C. Rumbold (scientific laboratory work)	583.33
L. L. Eames (scientific laboratory work)	400.00
J. J. Neuman (timber disease work)	123.33
Winifred Ashby (scientific laboratory work)	373.33
Total salaries	4,499.99
Field work and conduct of laboratory: Travel, office, field, laboratory, and photographic supplies; light, fuel, telephone, etc.	4,496.00
Miscellaneous: Supplies purchased on requisition	268.09
Total expenditures	9,264.08

Authority (Digest of Appropriations, p. 363): " * * * to investigate the causes of decay in forest timber and timber used for construction purposes, and to devise means for preventing the decay of same; the employment of investigators, local and special agents, clerks, assistants, * * * and other labor required in conducting experiments in the city of Washington and elsewhere, and collating, digesting, reporting, and illustrating results of such experiments; for telegraphic and telephone service; for gas and electric current; purchase of chemicals and apparatus required in the field and laboratory; necessary traveling expenses; for express and freight charges; the preparation of reports and illustrations; the rent and repairs of building; all necessary office fixtures and supplies; * * * " (Agricultural act, April 23, 1904, \$150,000. Public, No. 150, p. 7.)

VII. *Tropical laboratory and gardens.*

	Apportionment.
1. Field and laboratory work	\$6,563.00
Expenditures as follows:	
Salaries:	
P. H. Rolfs (in charge of laboratory and garden)	2,500.00
Peter Wester (garden work)	400.00
L. H. McCullough (scientific laboratory work)	80.00
Adam Moore (laborer)	109.50
Lucia McCullough (scientific laboratory work)	180.00
R. H. Fitzpatrick (laborer in garden)	262.50
S. M. Dupont (clerical)	17.33
Jennie L. Coit (clerical work)	273.00
Total for salaries	3,822.33
Field work, and conduct of laboratory: Supplies, fuel, rent, telephone, etc.	2,620.00
Miscellaneous: Apparatus, chemicals, etc.	549.21
Total expenditures	6,991.54

Authority (Digest of Appropriations, p. 363): " * * * to investigate the diseases affecting citrus fruits, pineapples * * * ; to continue the work of originating, by breeding and selection, in cooperation with other divisions of the Department and the experiment stations new varieties of oranges, lemons, and other tropical and subtropical fruits more resistant to cold and disease and of better quality; the employment of investigators, local and special agents, clerks, assistants, * * * and other labor required in conducting experiments in the city of Washington and elsewhere, and collating, digesting reporting, and illustrating the results of such experiments; for telegraph and telephone service; for gas and electric current; purchase of chemicals and apparatus required in the field and laboratory; necessary traveling expenses; the preparation of reports and illustrations; rent and repairs of a building * * * ; all necessary office fixtures and supplies, and for other expenses connected with the practical work of the investigations * * * ." (Agricultural act, April 23, 1904, \$150,000. Public, No. 150, p. 7.)

VIII. *Herbarium.*

Apportionment for entire work	\$3,256.00
Expenditures as follows:	
Salaries:	
F. W. Patterson (general herbarium work)	1,600.00
Mildred Dyre (assistant)	600.00
V. K. Charles (scientific work)	600.00
Field work, collecting herbarium material	19.75
Miscellaneous	399.61
Total expenditures	3,219.36

Authority (Digest of Appropriations, p. 363): " * * * investigating the nature of diseases injurious to fruits, fruit trees, grain, cotton, vegetables, and other useful plants * * * ." (Agricultural act, April 23, 1904, \$150,000. Public, No. 150, p. 7.)

IX. *Mushroom investigations.*

Apportionment for entire work	\$1,200.00
Expenditures as follows:	
Salaries:	
B. M. Duggar (in charge of work)	300.00
L. F. Childers (laboratory and practical experimental work)	300.00
Total for salaries	600.00
Field and laboratory work: Supplies, travel, etc.	438.42
Miscellaneous: Supplies purchased on requisition (chemicals, apparatus)	68.48
Total expenditures	1,106.90

Authority: (Digest of Appropriations, p. 363.) * * * and for other purposes connected with the discovery and practical application of improved methods of crop production. (Agricultural act April 23, 1904, \$150,000.)

X. Laboratory of plant life history.

	Apportionment.
1. General laboratory expenses.....	\$6,000.00
2. Life-history monograph of the date palm.....	100.00
3. Life-history investigation of the pistache nut.....	100.00
4. Life-history investigation of the fig.....	200.00
5. Electroculture.....	150.00
6. Investigations on the change of seed.....	398.00

Total apportionment..... 6,948.00

Expenditures as follows:

Salaries:

Allen Dameron (charman).....	360.00
W. T. Swingle (in charge of laboratory).....	2,750.00
Chas. Brand (life-history work on clover).....	1,200.00
L. M. Estabrook (clerk).....	416.60
LeR. Smith (clerk and laborer).....	480.00
D. Cleland (painter).....	138.00
J. J. Lawless (plumber).....	48.00
Wm. A. Roundtree (farm work).....	117.33

Total for salaries..... 5,509.93

Field work and laboratory studies: Cooperative, inspection, necessary travel, etc..... 750.00

Miscellaneous: Office, laboratory, photographic supplies, rent, etc..... 483.10

Total expenditures..... 6,743.03

Authority: (Digest of Appropriations, p. 363.) * * * (experiments in the treatment of the same); the study of plant physiology in relation to crop production and * * * to * * * introduce improved varieties of fruits * * * in cooperation with the section of seed and plant introduction * * * (Agricultural act April 23, 1904 \$150,000. Public, No. 150, p. 7.)

XI.

General administrative work connected with the planning and carrying out of experiments and investigations included under the previous items. incidental Bureau expenses, rent, etc.:

Total apportionment..... \$27,876.00

Expenditures as follows:

Salaries:

A. F. Woods (pathologist and physiologist in charge of physiological and pathological investigations).....	\$3,000.00
Wm. Humphrey (carpenter).....	840.00
Thos. G. Ecton (in charge heating).....	840.00
Michael Kelley (watchman).....	720.00
N. G. Holton (indexing scientific literature).....	720.00
J. E. Page (messenger work and char work).....	600.00
Lola Adams (charwoman).....	480.00
W. W. Long (accountant).....	450.00
A. W. Bache (charge property room).....	195.00
S. M. Parker (filing, indexing, correspondence).....	1,196.67
K. F. Kellerman (collecting specimens).....	75.00
Wm. S. Rand (general laborer labor and messenger work).....	297.50
Chas. Mason (messenger, copying, filing).....	300.00
R. E. B. McKenney (scientific work on tobacco).....	341.67
F. H. Wagner (clerical work).....	1,400.00
J. Waite (in charge property room).....	350.00
Mae V. Sweetman (stenographer).....	500.00
Wm. L. Marcy (clerk, proof reader).....	210.00
Sophie Bergner (seed assorting, etc.).....	700.00
S. Keese (seed work).....	720.00
C. D. Franklin (Arlington Farm).....	300.00
Wm. Roundtree (Arlington Farm and Flats).....	231.75
Ethel Wimer (library assistant).....	200.00
Funie Oberly (librarian).....	366.70
O. O. Churchill (field work on cereals).....	300.00
Geo. Fitzgerald (labor in moving).....	25.50
Robt. Jones (labor in moving).....	25.50
Sarah Garner (charwoman).....	100.00
A. C. Crawford (laboratory drug work).....	450.00
J. B. Collins (messenger boy).....	110.83
Wm. Halley (carpenter).....	451.50
H. Douglas (repairing heating apparatus).....	36.00
K. O'Dea (wrapping nitrogen bacteria).....	38.66
Belle Bailey (wrapping nitrogen bacteria).....	38.66
H. Dyson (wrapping bacteria).....	38.66
M. M. Becker (wrapping bacteria).....	38.66
Nellie Main (wrapping bacteria).....	38.66
John Thompson (gardener).....	192.50
Henry Lee (labor, cleaning snow).....	9.00
Geo. Auhagen (field work).....	350.00
D. Bissett (greenhouse).....	250.00
F. L. Scribner (exposition work).....	625.00
Horace Brooks (labor).....	43.50
Walter Reeves (labor).....	16.69
John Green (labor).....	15.00
Wm. Jameson (labor).....	15.00
Wm. Gleason (labor).....	9.20

Salaries—Continued.		Apportionment.
Henry Johnson (labor).....		\$9.20
Elijah Qualls (labor).....		19.20
Tim. Flynn (labor).....		45.00
J. W. Crockett (labor).....		45.00
John Conley (labor).....		26.25
John V. Joyce (labor).....		135.00
J. A. Gauges (labor).....		150.00
John Bertram (labor).....		3.00
Henry Nichols (labor).....		7.50
J. M. Barrett (plumber).....		24.00
Total for salaries.....		18,717.00
Field work: Inspection, cooperation.....		604.01
Miscellaneous: Office, laboratory, and photographic supplies; rent, fuel, light, freight, drayage, express, telephones, telegrams.....		5,843.65
Total expenditures.....		25,164.66

Authority: (Digest of Appropriations, p. 363.) "General expenses, Bureau of Plant Industry, vegetable pathological and physiological investigations: * * * the employment of investigators, local and special agents, clerks, assistants, and student scientific aids * * *, and other labor required in conducting experiments in the city of Washington and elsewhere, and collating, digesting, reporting, and illustrating the results of such experiments; for telegraph and telephone service; for gas and electric current; purchase of chemicals and apparatus required in the field and laboratory; necessary traveling expenses; for express and freight charges; the preparation of reports and illustrations; the rent and repairs of a building * * *; all necessary office fixtures and supplies, and for other expenses connected with the practical work of the investigations. (Agricultural act April 23, 1904, §150,000. Public, No. 130, pp. 6 and 7.)

The principal projects conducted by the office of seed and plant introduction and distribution during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

DOMESTIC SEEDS.

I. Congressional distribution.

Allotment..... \$167,038.84

1. Vegetable and flower seeds.
2. Special seeds, as cotton, lawn grass, etc.
3. Special plants, orange trees, ornamentals, bulbs, etc.
4. Trial grounds.

Expended as follows: Salaries:

C. C. Bateman.....	\$1,000.00	G. Booth.....	\$153.33
R. B. Holland.....	720.00	Willard Robertson.....	86.00
Albert M. Jackson.....	720.00	F. L. Scribner.....	312.50
W. L. Marcy.....	294.99	Angus Mann.....	665.00
J. E. W. Tracy.....	1,500.00	Wm. A. Haws.....	780.00
George Arntz.....	1,200.00	Ernest Hauser.....	780.00
R. J. Whittleton.....	2,000.00	W. H. Phipps.....	720.00
O. F. Jones.....	1,800.00	W. A. Pingley.....	600.00
J. C. Wight.....	1,600.00	August Mayer.....	554.67
A. H. Williams.....	1,200.00	Sidney Swann.....	469.50
Jesse Waite.....	383.33	Henry Haws.....	510.00
Alice Kennedy.....	720.00	Henry E. Juenemann.....	262.50
Nora Phelps.....	600.00	James H. Copeland.....	391.67
Emma R. Polton.....	720.00	A. J. Green.....	183.00
Bessie Muhleman.....	600.00	W. E. Orton.....	180.00
Inez Yonce.....	53.00	C. M. Smith.....	51.00
Marie Barbiery.....	150.00	S. A. Reid.....	45.00
W. W. Tracy, jr.....	1,400.00	William Halley (II).....	45.00
Ivy V. Hurbie.....	720.00	Mitchell McCorkle.....	30.00
E. C. Crippen.....	600.00	Daniel Mowrey.....	30.00
George C. Cookman.....	600.00	J. B. Nickens.....	30.00
Harry Godding.....	495.42	James Green.....	18.00
W. P. Gochenour.....	850.00	Michael Dervan.....	12.00
W. W. Long.....	450.00	Jesse James.....	12.00
Julius Rockwell.....	450.00	Philip Zell.....	3.00
Carrie Zell.....	720.00	James Bailey.....	45.00
Albert Watkins.....	450.00		
Nellie G. Orr.....	22.00	Total.....	30,688.24
Jennie E. Nash.....	240.00	Vegetable and flower seeds.....	66,177.09
Agnes V. Lewis.....	13.33	Packeting, assembling, and mailing.....	41,924.49
E. H. Henderson.....	210.00	Trial grounds, miscellaneous seeds, plants, etc.....	20,613.90
A. J. Smith.....	64.50	Miscellaneous expenses, rent, freight, express, materials, etc.....	7,635.12
J. T. Barghausen.....	9.00	Total.....	167,038.84
Leon M. Estabrook.....	700.00		
Irene White.....	60.00		
Marie L. Lockwood.....	225.00		
W. R. R. Porter.....	32.00		

II. Purchase, testing, and distribution of new and rare varieties and improvement of varieties.

Allotment..... \$80,823.42

1. Forage crops and grains.
2. Testing new varieties, especially vegetables.
3. Production of sugar beet seed.
4. Propagating and breeding houses.

Expended as follows: Salaries:

P. H. Dorsett.....	\$2,250.00	Dennis Eversole.....	\$40.50
W. W. Tracy, sr.....	3,000.00	W. R. Schindee.....	39.00
Clara Bragdon.....	116.67	I. Poates.....	37.50
A. H. Gilbert.....	435.00	R. W. Bowers.....	6.00
R. H. Smith.....	300.00	Emma Veale.....	45.33
C. F. Wheeler.....	1,416.66	Al Tolson.....	3.00
Muriel Day.....	900.00	William May.....	3.00
A. J. Pieters.....	2,750.00	B. Warner.....	4.50
Lisle Morrison.....	1,600.00	C. Hutchinson.....	3.00
Jessie A. Murphy.....	1,400.00	Clarence Owens.....	3.00
Helen T. Gardner.....	1,400.00	B. H. Hall.....	3.00
Alfred Garten.....	911.11	F. Cumberland.....	3.00
Frank Hiatt.....	630.00	R. H. Hanson.....	4.50
Clyde Allen.....	770.00	Emma S. Doyle.....	300.00
Grace D. Parker.....	708.00	Wm. S. Hull.....	600.00
Minnie P. Gillingham.....	600.00	Wm. M. Smith.....	125.00
K. P. Ramsdell.....	600.00	Fred Stockwell.....	720.00
Alice M. Sawyer.....	480.00	John A. Jones.....	300.00
Bessie C. Bell.....	480.00	John Dee Beck.....	690.00
Florence P. Hardenstein.....	480.00	A. B. Sloane.....	480.00
Harriet V. Faunce.....	480.00	J. G. Jones.....	90.00
Harry Roberts.....	360.00	Angus C. Mann.....	187.50
Lucy C. Rustine.....	285.00	Somerville Bean.....	597.50
Katherine S. Bort.....	649.00	John J. Lawless.....	158.00
H. F. Chandler.....	106.00	James A. Cratty.....	124.00
C. M. Mansfield.....	270.00	E. Hauser, jr.....	90.00
Bessie L. Coker.....	172.33	E. L. Harrison.....	56.00
R. A. Oakley.....	50.01	Charles Bradley.....	45.00
C. D. Ashmore.....	114.00	Wallace Dann.....	10.67
Ellen Golden.....	150.00	Eugene Young.....	63.00
W. S. Orton.....	200.00	George Been.....	21.00
Addie A. Ege.....	180.00	Wm. Joyce.....	240.00
Laura MacMorris.....	180.00	George W. Oliver.....	1,600.00
A. L. Scribner.....	1,000.00	Thomas Lee.....	660.00
Fred S. Hall.....	600.00	Alexander Monblatt.....	317.00
Mary J. Smith.....	720.00	E. Q. Knight.....	900.00
Mary A. Austin.....	540.00	Edward Goucher.....	600.00
James Hammersley.....	480.00	Isabelle Allen.....	720.00
Mary M. Gilbert.....	280.00	Peter J. Wester.....	240.00
E. M. Snyder.....	236.00	Henry E. Juenemann.....	637.50
George O. Minor.....	375.00		
Ed. S. Duvall.....	201.33	Total.....	39,915.36
John M. Veale.....	121.50	Seeds and expenses of experimental	
Charles Cleveland.....	36.00	work, travel, for inspection, etc.....	18,444.40
C. C. McConica.....	36.00	Miscellaneous office expenses, fuel, gas,	
John T. Phipps.....	12.00	electric power, telephone, etc.....	22,463.66
C. E. Dunn.....	44.25		
J. M. Gray.....	42.00	Total.....	80,823.42

Authority: Appropriation for purchase and distribution of valuable seeds Public Documents Nos. 150 and 10.

FOREIGN SEEDS.

III. Introduction of foreign seeds and plants.

Allotment..... \$37,776.08

1. Foreign explorations.
2. Introduction of special crops into the United States.

Expended as follows: Salaries:

D. G. Fairchild.....	\$2,500.00	Bernard G. Johnson.....	\$466.31
C. P. Jones.....	835.00	John H. Tull.....	340.00
Grace Bell.....	720.00	Charles L. Franklin.....	360.00
Henry H. Boyle.....	720.00	C. A. Smyrl.....	75.00
Charles T. Frazier.....	578.33	Thomas B. Young.....	210.00
Thomas R. Robinson.....	250.00		
I. G. Marks.....	710.00	Total.....	11,921.33
Robert Beagles.....	700.00	Purchase of seeds and plants, foreign	
Edward Goucher.....	300.00	explorations, and field work, includ-	
John S. Cole.....	720.00	ing inspection, maintenance of test-	
C. W. Lawrence.....	600.00	ing and propagating houses, etc.....	25,741.78
O. A. Thompson.....	500.00	Miscellaneous expenses, office require-	
A. H. Leidigh.....	450.00	ments, telegraph, etc.....	112.97
V. L. Cory.....	420.00		
H. F. Blanchard.....	466.69	Total.....	37,776.08

Authority: Appropriation for the purchase and distribution of valuable seeds, Public Document No. 150, p. 11, "Provided further, That forty thousand dollars of the sum thus appropriated, or so much thereof as the Secretary of Agriculture shall direct, may be used to collect, purchase, test, propagate, and distribute rare and valuable seeds, bulbs, trees, etc."

BOTANICAL INVESTIGATIONS AND EXPERIMENTS.

The principal projects conducted by the Office of the Botanist during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

Office of the Botanist.

Apportionment.

Botanical laboratory.....	\$3,000.00
House rent.....	3,000.00
Fiber investigations.....	1,400.00
Variety testing.....	2,100.00
Economic herbarium.....	3,237.50
Botanist.....	4,700.00
Miscellaneous salaries.....	5,300.00

22,737.50

Expended as follows:

Salaries:

F. V. Coville (botanist in charge).....	\$3,000.00
Somerville Bean (carpenter).....	45.50
G. Been (carpenter).....	24.50
Miss G. E. Bell (laborer).....	40.00
R. A. Bryant (laborer).....	720.00
John Burton (laborer).....	18.00
J. A. Cratty.....	20.00
R. H. Disney (watchman).....	500.00
M. Fraile (messenger and gardener).....	560.00
Mrs. Ida George (charwoman).....	290.00
Mrs. Annie Jamieson (charwoman).....	480.00
Miss Maria Johnson (charwoman).....	480.00
Miss G. M. Johnston (clerk).....	551.00
J. O. Joliff (laborer).....	55.00
J. W. Kelley (laborer).....	225.00
W. W. Long (clerk).....	450.00
J. I. Milstead (laborer).....	480.00
E. C. Morton (watchman).....	684.00
J. W. Olden (laborer).....	65.00
M. W. Patterson (messenger).....	240.00
W. C. Pennywitt (clerk).....	1,800.00
Patrick Scanlon (watchman).....	36.00
F. L. Scribner (agrostologist).....	208.33
R. E. Syphax (watchman).....	200.00
Harry Thompson (laborer).....	50.00
Ivar Tidestrom (scientific assistant).....	330.00
Miss M. F. Warner (librarian).....	560.00
W. F. Wight (assistant botanist).....	1,600.00
F. J. Winters (carpenter).....	42.00

Total.....13,754.33

Field work, cooperation with experiment stations and private growers, inspection of experimental fields, and necessary travel in connection therewith.....1,830.83

Miscellaneous, including rent of building (\$3,000), light, fuel, telegraph, telephone, freight, express, and general office and laboratory expenses.....7,152.34

Total.....22,737.50

Authority: Digest of Appropriations, pp. 364-365. (Public — No. 150, p. 8.)

Seed laboratory.

Allotment.....\$10,162.50

1. Seed testing.
2. Pure seed investigations.
3. Seed vitality investigations.
4. Grain grading.
5. Seed production and life history of red clover and alfalfa.

Salaries:

Miss M. L. Crosby (seed testing).....	\$600.00
J. W. T. Duvel (seed vitality).....	1,400.00
Geo. H. Keppler (laborer).....	10.00
Miss F. Leonard (clerical).....	115.00
C. M. Mansfield (seed testing).....	325.00
W. S. Orton, Jr. (clerical).....	200.00
Geo. Been (carpenter).....	86.00
S. Bean (carpenter).....	24.00
Chas. J. Brand (pure seed).....	40.00
Miss Zoe Benton (seed testing).....	77.00
Mrs. L. S. Cowgill (pure seed).....	30.00
August Duvel (pure seed).....	57.00
M. Fraile (laborer).....	160.00
A. Goss (pure seed).....	29.00
W. L. Goss (seed vitality).....	386.00
Miss G. Graham (seed testing).....	175.00
Miss L. D. Hosier (clerical).....	194.00
Miss E. G. Kennedy (seed testing).....	40.00
W. L. Kemper (seed testing).....	133.00
C. E. Leighty (seed vitality).....	350.00
T. O. Plunkett, jr. (pure seed).....	29.00
M. W. Patterson (messenger).....	240.00

Salaries—Continued.		Apportionment.
Miss E. S. Sirrine (seed testing).....		\$249.00
M. L. J. Steele (pure seed).....		25.00
Miss J. A. Teft (seed testing).....		125.00
Miss H. J. Thompson (seed testing).....		88.00
Miss I. V. Yonce (seed testing).....		40.00
F. H. Young (pure seed).....		30.00
Total.....		5,257.00
Field work, cooperation with experiment stations and private growers, inspection of experimental fields, and necessary travel in connection therewith:		
Seed testing.....		\$481.00
Pure seed investigations.....		578.00
Seed vitality investigations.....		198.00
Seed production, etc.....		1,911.00
		3,168.00
Miscellaneous, including light, fuel, telegraph, telephone, freight, express and general office and laboratory expenses.....		1,737.50
Total.....		10,162.50

Drug plant investigations.

Allotment.....	\$9,600.00
Expended as follows: Salaries:	
R. J. Augusterfer.....	\$45.50
J. W. Been.....	9.00
F. W. Clarke.....	39.00
Charles Freedman.....	39.00
Alice Henkel.....	1,600.00
S. C. Hood.....	454.67
G. F. Klugh.....	85.00
W. O. Richtman.....	800.00
W. W. Stockberger.....	1,200.00
R. H. True.....	2,500.00
T. B. Young.....	510.00
Total.....	7,282.17
Field investigations and necessary travel in connection therewith.....	1,353.46
Miscellaneous, general office, and laboratory expenses.....	964.37
Total.....	9,600.00

Poisonous plant investigations.

Allotment.....	\$8,600.00
Expended as follows: Salaries:	
V. K. Chesnut.....	\$300.00
David Cleland.....	6.00
H. Cratty.....	12.00
A. C. Crawford.....	1,350.00
H. F. J. Hungerford.....	190.00
C. D. Marsh.....	416.67
H. T. Marshall.....	250.00
C. B. Snellings.....	656.25
W. W. Stockberger.....	400.00
Total.....	3,580.92
Field investigations and necessary travel connected therewith.....	2,887.12
Miscellaneous office and laboratory expenses.....	2,131.96
Total.....	8,600.00

Investigations in tropical agriculture.

Allotment.....	\$10,200.00
Expended as follows: Salaries:	
O. F. Cook (in charge).....	\$2,510.43
G. N. Collins (general supervision).....	1,650.00
W. E. Safford (assistant).....	1,600.00
F. L. Lewton (scientist assistant).....	1,466.66
C. B. Doyle (assistant).....	110.00
F. J. Winter (carpenter).....	36.00
Total.....	7,373.09
Field investigations of tropical cultures and necessary travel in connection therewith.....	1,090.90
Miscellaneous, general office, and laboratory expenses.....	1,662.03
Total.....	10,126.02

Grain grading and western agricultural extension.

Allotment \$4,100.00

Expended as follows: Salaries:

C. S. Scofield (in charge) \$1,762.50
G. C. Worthen 660.00

2,422.50

Field investigations and necessary travel in connection therewith 987.40
Miscellaneous general office and laboratory expenses 690.10

4,100.00

Authority (Digest of Appropriations, 1905, pp. 364 and 365): "Investigations relating to medicinal poisonous, fiber, and other economic plants, seeds, and weeds; the collection of plants, traveling expenses, and express and freight charges; for all necessary office fixtures; the purchase of paper and all other necessary supplies, materials, and apparatus; for rent and ordinary repairs of a building for office and laboratory purposes, not to exceed \$3,000; for gas and electric current; for telegraph and telephone service; for the employment of investigators, local and special agents, clerks, assistants, student or scientific aids and other labor in conducting experiments in the city of Washington and elsewhere; and in collating, digesting, reporting and illustrating the results of such experiments; subscriptions to and purchase of botanical publications for use in the division; and the preparation, illustration, and publication of reports; to investigate and publish reports upon the useful plants and plant cultures of the tropical territory of the United States, and to investigate, report upon, and introduce other plants promising to be valuable for the tropical territory of the United States, such plants and botanical and agricultural information when secured to be made available for the agricultural experiment stations and schools; to investigate the varieties of cereals grown in the United States or suitable for introduction, in order to standardize the naming of varieties as a basis for the experimental work of the State experiment stations, and as an assistance in commercial grading, and to investigate, in cooperation with the Bureau of Chemistry, the cause of the deterioration of export grain, particularly in ocean transit, and to devise means of preventing losses from those causes, \$67,500. The Secretary of Agriculture is hereby directed to obtain in open market, samples of seeds of grass, clover, or alfalfa, test the same, and if any such seeds are found to be adulterated or misbranded, or any seeds of Canada blue grass (*Poa compressa*) are obtained under any other name than Canada blue grass or *Poa compressa*, to publish the results of the tests, together with the names of the persons by whom the seeds were offered for sale." Public—No. 150, p. 8.)

The principal projects conducted by the office of the pomologist during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains:

POMOLOGICAL INVESTIGATIONS.

Apportionment of funds:

1. Administrative	\$7,080.00	
2. Fruit descriptions	2,080.00	
3. Modeling and painting	3,320.00	
4. Nomenclature and history	1,600.00	
5. Miscellany	2,936.65	
		\$17,516.65

Field investigations:

1. Fruit marketing and storage—		
Salaries	\$8,233.35	
Field expenses	8,000.00	
		16,233.35
2. Viticultural investigations	6,250.00	
3. Fruit district investigations	2,500.00	
4. Fruit storage problems	1,000.00	
		25,983.35
		43,500.00

1. Administrative—General supervision of entire work.

Salaries:

G. B. Brackett (pomologist in charge)	\$3,000.00
H. K. Corrick (messenger)	720.00
Wallace Dann (laborer)	30.67
C. L. Hall (messenger)	480.00
E. H. Henderson (electrician)	120.00
E. C. Herrick (clerk)	1,200.00
C. R. Thomas (assistant messenger)	772.34
C. W. Dawson (laborer)	45.00
J. F. Springer (clerk)	83.34
A. Gibson (charwoman)	467.50
H. M. White (scientific aid)	400.00
W. W. Wonder	161.67
Total	7,480.52

2. Fruit descriptions—Identification of varieties and description of varieties.

Salaries:

W. P. Corsa (clerk)	\$226.63
W. N. Irwin (clerk and assistant)	1,600.00
Allen Dodge (clerk and assistant)	1,200.00
Total	3,026.63

Salaries:

3. *Modeling and painting.*

D. G. Passmore (artist)	\$1,400.00
B. Heiges (artist)	1,200.00
E. I. Schutt (modeler and artist)	720.00
Total	3,320.00

4. *Nomenclature and history.*

Revision of catalogue of fruits; correcting nomenclature and synonymy of varieties; collection of historical data; index of varieties. Estimated cost	\$1,600.00
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5. *Miscellany.*

Including rent of buildings, light, fuel, telegraph, telephone, freight, express, and general office expenses	\$4,340.80
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FIELD INVESTIGATIONS.

1. *Fruit marketing and storage.*

Apportionment	\$18,899.00
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Expended as follows:

Salaries—

G. Harold Powell (assistant supervision)	\$2,500.00
S. H. Fulton (assistant)	1,650.00
M. J. Gorman (stenographer)	400.00
A. C. Shepherd (stenographer)	1,000.00
G. L. Stewart (field assistant)	999.97
L. S. Tenny (field assistant)	525.12

Total	7,075.09
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Travel and field expenses	3,614.43
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Truit, packing materials, etc	7,064.13
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Total	17,753.65
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NOTE.—Included in this total is \$2,426.21 derived from the sale of fruits, etc., used in experimental work and applied "toward the continuation and repetition of these investigations and experimental shipments," which should be deducted from the apportionment to determine the net charge of this work against the appropriation.

2. *Viticultural investigations.*

Apportionment	\$5,311.03
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Expended as follows:

Salaries—

G. C. Husmann (general supervision)	\$1,588.89
M. J. Gorman (stenographer)	400.00
G. N. Hecke (expert, Pacific coast)	826.67
E. A. Hyde (clerk)	152.50

Total	2,968.06
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Travel and field expenses	1,354.47
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Purchase (fertilizers)	26.15
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Total	4,348.68
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3. *Fruit district investigations.*

Apportionment	\$1,440.05
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Expended as follows:

Salaries—

M. J. Gorman (stenographer)	\$400.00
W. F. Fletcher (field aid)	423.33

Total	823.33
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Travel and field expenses	619.64
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Total	1,442.97
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4. *Miscellaneous field problems.*

(Discontinued 1905.)

Authority (Digest of Appropriations, p. 364): "Investigating, collecting, and disseminating information relating to the fruit industry; the collection and distribution of seeds, shrubs, trees, and specimens; and for collecting and modeling fruits, vegetables, and other plants, and furnishing duplicate models to the experiment stations of the various States, as far as found practicable; the employment of investigators, local and special agents, clerks, assistants, student or scientific aids, and other labor required in conducting experiments in the city of Washington and elsewhere; and in collating, digesting, and reporting and illustrating the results of such experiments; for gas and electric current; for telegraph and telephone charges; for freight and express charges; for all necessary office fixtures and supplies and for traveling and other necessary expenses, to continue the investigations and experiments in the introduction of the culture of European table grapes and the study of the diseases that affect them, for the purpose of discovering remedies therefor, this work to be done in cooperation with the section of seed and plant introduction; to investigate in cooperation with the other divisions

and bureaus of the Department and the experiment stations of the several States the market conditions affecting the fruit and vegetable trade in the United States and foreign countries, and the methods of harvesting, packing, storing, and shipping fruit and vegetables, and for experimental shipments of fruits and vegetables to foreign countries, for the purpose of increasing the exportation of American fruits and vegetables, and for all necessary expenses connected with the practical work of the same, and such fruits, vegetables, packages, and packing material as are needed for these investigations and experimental shipments may be bought in open market and disposed of at the discretion of the Secretary of Agriculture, and he is authorized to apply the moneys received from the sales of such fruits and vegetables toward the continuation and repetition of these investigations and experimental shipments; to investigate, map, and report upon the commercial fruit districts of the United States, for the purpose of determining the relative adaptability of the several important fruits thereto, by a study of the conditions of soil and climate, and of the prevalence of plant diseases existing therein as related to commercial fruit production, forty-three thousand five hundred dollars, ten thousand dollars of which sum may, in the discretion of the Secretary, be expended in cooperation with the experiment station of the State of California for determining the adaptability of various grape stocks to the different soil and climatic conditions of the Pacific coast and their resistance to disease." (Public—No. 150, pp. 7 and 8.)

The principal projects conducted by the Office of Farm Management during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains:

GRASS AND FORAGE PLANT INVESTIGATIONS.

① Administrative, apportionment.....	\$16,983.43
Expended as follows:	
Salaries:	
W. J. Spillman (in charge).....	\$3,000.00
W. A. Ball (clerk).....	1,200.00
C. H. Tyler (clerk).....	660.00
M. H. Bagley (clerk).....	660.00
C. C. Pursley (messenger).....	480.00
W. C. Lee (clerk).....	1,200.00
W. F. Timberlake (clerk).....	150.00
E. J. Troy (clerk).....	383.33
L. Church (clerk).....	585.00
D. A. Brodie (assistant).....	600.00
J. E. Rockwell (clerk).....	900.00
F. L. Scribner (assistant).....	625.00
J. F. Springer (clerk).....	166.73
E. E. Barber (messenger).....	162.00
C. C. Ross (laborer).....	27.50
M. E. Sullivan (charwoman).....	150.00
M. C. Smith (charwoman).....	210.00
J. H. Thompson (laborer).....	275.00
Total.....	11,278.89
Miscellaneous, including rent, light, fuel, telegraph and telephone, express, and general office and laboratory expenses.....	5,704.54
Total.....	16,983.43

ARLINGTON FARM AND DEPARTMENT GROUNDS.

② Apportionment.....	\$1,846.63
Salaries:	
J. H. Thompson (laborer).....	220.00
M. R. Griffin (laborer).....	412.50
G. Auhagen (laborer).....	25.00
D. V. H. Groesbeck (laborer).....	660.00
L. F. Paull (scientific aid).....	80.00
W. Wilson (laborer).....	25.50
J. F. Parker (laborer).....	108.00
H. F. Nielsen (scientific aid).....	154.33
Total.....	1,685.33
Experimental cultivation of grasses and forage plants.....	161.30
Total.....	1,846.63

WILD AND SWAMP HAY.

③ Salaries: E. L. Morris (special agent).....	\$80.00
Cooperation with experiment stations and others to determine what wild and swamp grasses are valuable for hay.....	443.18
Total.....	523.18

JOHNSON GRASS.

④ Salaries: J. Gay (special agent).....	\$120.00
Experiments upon best methods of extirpating Johnson grass and other noxious and destructive weeds.....	126.93
Total.....	246.93

BOTANY.

Salaries:	
R. A. Harvey.....	\$660.00
C. V. Piper.....	2,250.00
F. L. Ricker.....	1,200.00
A. Chase.....	840.00
Total.....	3,950.00
Field work: For necessary travel in collecting seeds and specimens of valuable economic grasses and forage plants.....	498.16
Total.....	5,448.16

ILLUSTRATIONS.

Salaries: A. A. Ruark (photographer).....	\$720.00
Miscellaneous, including necessary photographic and artist materials and supplies.....	599.93
Total.....	1,319.93

RANGE AND CACTUS INVESTIGATIONS.

Salaries:	
W. B. McCleary (fence rider).....	\$150.00
D. Griffiths (in charge).....	2,000.00
J. S. Cotton (assistant).....	600.00
T. A. Coleman.....	300.00
R. F. Hare.....	300.00
W. Sinclair.....	100.00
E. O. Wooten.....	4.00
Total.....	3,454.00
Field work: Experiments to find best native and foreign species for reclaiming overstocked ranges and pastures, and necessary travel connected therewith.....	2,147.53
Rent of land for experiments.....	3.00
Total.....	5,604.53

SEED AND PLANT INTRODUCTION.

Salaries: A. B. Conner.....	\$240.00
Field work: Collection of seeds and travel connected therewith, and establishing and main- taining experimental grass stations.....	222.42
Total.....	462.42

SOIL AND SAND BINDING INVESTIGATIONS.

Salaries: J. M. Westgate.....	\$1,200.00
Field work: Experiments for finding best species for binding drifting sands and washed lands, and travel connected therewith.....	846.76
Total.....	2,046.76

COOPERATIVE WORK.

Salaries:	
R. H. Forbes.....	\$300.00
H. Garman.....	600.00
M. Harper.....	600.00
P. O. Vanatter.....	133.33
J. A. Wiltsoe.....	150.00
Total.....	1,783.33
Field work: Cooperation with experiment stations for solving various grass and forage-plant problems in the several sections of the country, and travel connected therewith.....	1,084.01
Total.....	2,867.34

CROPS FOR RICE LANDS.

Salaries: B. Freeman.....	\$466.67
Field work: Experiments to determine what grasses and forage crops are adapted to rice lands.....	151.84
Total.....	618.51

GULF COAST CROPS.

Field work: Collection of seeds and specimens, experiments to determine their adaptability to Gulf coast States, and for travel connected therewith.....	\$1,209.54
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ALFALFA AND CLOVER INVESTIGATIONS.

Salaries: H. T. Nielsen.....	\$217.33
Field work: Collection and purchase of seeds and experiments to determine their adaptabil- ity to various soils and climates, and for necessary travel.....	791.33
Total.....	1,008.66

PACIFIC COAST PROBLEMS.

Salaries:	
Ralph Cline (laborer).....	\$19. 80
H. Steele (laborer).....	35. 50
Field work: For studying forage problems of Pacific coast and for necessary travel connected therewith.....	775. 60
Total.....	\$30. 90

DOMESTICATION OF WILD GRASSES.

For collecting seeds of wild grasses and distributing same with a view to domesticating them, and for travel connected therewith.....	\$473. 44
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BUREAU EXPENSES.

Salaries:	
E. S. De Putron (clerk).....	\$64. 00
A. V. Lewis (clerk).....	20. 00
Miscellaneous, including various office supplies.....	172. 70
Total.....	256. 70

Authority: (Digest of Appropriations, 1905, page 365.) "Grass and forage plant investigations: To enable the Secretary of Agriculture to conduct investigations of grasses, forage plants, etc." (Public—No. 150, pp. 8 and 9.)

The principal projects conducted by the Superintendent of Gardens and Grounds during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains:

EXPERIMENTAL GARDENS AND GROUNDS.

Cultivation and care of experimental gardens and grounds, including the keep of lawns, trees, roadways, and walks; management and maintenance of the Department conservatories, greenhouses, and plant and fruit propagating houses, appropriation..... \$25,000.00

Expended as follows: Salaries of superintendent, gardeners, student assistants, laborers, plumbers, mechanics, etc.:

E. M. Byrnes, superintendent.....	\$1,800.00	Harry Thompson.....	\$550.00
Robert McLennon.....	1,100.00	H. T. Sinclair.....	40.00
James K. Kerr, sr.....	825.00	Stephen A. Reid.....	294.00
Joseph Gauges.....	675.00	John Pope.....	15.00
J. W. Olden.....	715.00	G. Calvell.....	48.75
W. S. Orton.....	770.00	J. T. Parker.....	357.75
Jesse O. Joliff.....	605.00	M. Richmond.....	637.50
R. B. Walter.....	710.00	C. J. Schubert.....	660.00
Henry Haws.....	210.00	E. Van Horn.....	75.00
J. H. Copeland.....	175.00	C. H. Yost.....	22.50
James K. Kerr, jr.....	585.00	James Thompson.....	57.50
E. M. Ports.....	480.00	John Underwood.....	39.00
O. A. Walter.....	440.00	E. J. Bashford.....	27.00
Willis D. Holland.....	275.00	John Neff.....	65.25
Charles L. Gooch.....	300.00	R. Washington.....	65.25
G. W. Cutshall.....	653.00	A. Givens.....	50.25
J. W. Dawson.....	628.00	C. S. Brooks.....	50.25
W. H. Schultheis.....	660.00	R. L. Beazley.....	50.25
Frank Lee.....	551.25	W. W. Osburne.....	350.00
C. W. Dawson.....	460.50		
Charles Keller.....	825.00	Total.....	17,003.00
J. A. Kaschka.....	125.00		

Field work, including inspection of modern greenhouses and methods of managing same in the market centers of the East, such as Baltimore, Philadelphia, and New York, and necessary travel in connection therewith..... 24.37

Miscellaneous, including machinery, tools, wagons, carts, horses, harness, plows, lawn mowers, sprinklers, hose, and other implements required in cultivations; lumber, hardware, glass, paints, tin, stones, gravel, and other material required for repairs; fertilizers, insecticide apparatus, electric lighting, heat, telegraph, telephone, office fixtures, and supplies..... 7,735.58

Total..... 25,000.00

Authority (Digest of Appropriations, 1905, p. 365): "Cultivation and care of experimental gardens and grounds, including the keep of lawns, trees, roadways, and walks; management and maintenance of the conservatories, greenhouses, and plant and fruit propagating houses; employment of assistants, experts, foremen, gardeners, laborers, carpenters, painters, plumbers, and other mechanics in the city of Washington or elsewhere; machinery, tools, wagons, carts, horses, harness, plows, lawn mowers, sprinklers, hose, watering cans, tubs, pots, and other implements required in cultivation; lumber, hardware, glass, paints, tin, stones, gravel, and other material required for repairs; fertilizers, insecticide apparatus, and chemicals; blacksmithing, horseshoeing, and repairs to implements and machinery; seeds, plants, and bulbs for propagating purposes; labels, potting and packing materials, feed for horses, fuel, freight and express charges, repairing roadways and walks, traveling and other necessary expenses, and for electric lighting, for telegraph and telephone services, and for all necessary office fixtures and supplies." (Public—No. 150, p. 9.)

The principal projects conducted by the Horticulturist during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains:

ARLINGTON EXPERIMENTAL FARM.

Appropriation.....			\$20,000.00
Expended as follows: Salaries:			
T. Allen.....	\$468.00	W. H. Mills.....	\$660.00
E. J. Bashford.....	3.00	E. H. Milstead.....	237.00
W. R. Beattie.....	1,187.50	George Minor.....	225.00
E. C. Butterfield.....	800.00	J. W. Kelly.....	255.00
F. W. Clarke.....	39.00	J. P. Pinkett.....	78.50
I. Clinkett.....	469.50	A. Smith.....	60.00
B. C. Cookman.....	576.67	W. W. Smith.....	1,375.00
L. C. Corbett.....	2,406.14	C. Syphax.....	138.00
W. D. Dixon.....	48.00	H. C. Thompson.....	170.00
W. J. Garrett.....	466.50	Robert Whittaker.....	18.00
J. C. Gordon.....	458.75	W. E. Willis.....	250.00
L. L. Gray.....	91.50		
C. Marcey.....	192.00	Total.....	10,673.06
Miscellaneous, including buildings, teams, tools, travel, freight, express, and office supplies..			9,137.73
Total.....			19,810.79

Authority (Digest of Appropriations, 1905, p. 366): "To enable the Secretary of Agriculture to continue the necessary improvements to establish and maintain a general experimental farm and agricultural station on the Arlington estate, in the State of Virginia, including employment of labor in the city of Washington and elsewhere, and for all necessary fixtures, supplies, material, apparatus, and other expenses" * * *. (Public—No. 150, pp. 9 and 10.)

The principal projects conducted by the Chief of Bureau during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains:

EXPERIMENTAL GARDENS AND GROUNDS.

Greenhouses, Department of Agriculture, 1904 and 1905: For the removal and reconstruction of the greenhouses on the Department grounds in order to accommodate the new buildings for the Department (Agricultural act, April 23, 1904; Digest of Appropriations, 1904, p. 365). \$25,000.00

Expended as follows:

Salaries (laborers):			
N. B. Clarrae.....			\$40.50
James Brown.....			39.00
John Watts.....			37.50
Charles Boston.....			9.00
John Burroughs.....			39.00
Fred Munecke.....			18.00
Frank Schmid.....			39.00
Frank Edwards.....			4.50
C. H. Shaw.....			43.50
James Thompson.....			7.50
John Burke.....			43.50
Jackson Keys.....			1.50
Total.....			322.50
Contract for construction of new greenhouses, Lord & Burnham Co., of New York.....			22,328.56
Supplies and miscellaneous expenses rendered necessary by the removal of the old greenhouses and getting the new ones in operation.....			2,177.40
Total expenditures.....			24,828.46

INVESTIGATING PRODUCTION OF DOMESTIC SUGAR.

Appropriation.....			\$7,500.00
Expended as follows:			
Salaries:			
Chas. F. Saylor (special agent).....			\$2,700.00
J. E. W. Tracy (beet seed).....			1,525.00
Will Kremers (special agent).....			240.00
J. F. Reed (expert).....			550.00
G. W. Churchill (expert).....			200.00
Total.....			5,215.00
Field work: Cooperation with State experiment stations and private growers and necessary travel in connection therewith.....			2,012.28
Miscellaneous, including telegraph, telephone, and other necessary minor field expenses.....			2.76
Total expenditures.....			7,230.04

Authority (Digest of Appropriations, 1905, p. 367): "Investigating Production of Domestic Sugar: For all expenses, including the employment of labor in Washington or elsewhere, necessary to enable the Secretary of Agriculture to continue inquiry and ascertain the progress made in the production of domestic sugar from beets and sorghum, including the area of available lands adapted thereto by irrigation or otherwise, and to investigate all other matters concerning the same." * * *. Also: "to develop the domestic production of sugar-beet seed, to demonstrate the superiority of high-grade seed, and to demonstrate the best methods of increasing the tonnage of sugar beets." (Public—No. 150, p. 10.)

The principal projects conducted by Dr. R. H. True during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains:

TEA CULTURE INVESTIGATIONS.

Pinehurst, allotment.....	\$1,700.00
Salaries:	
E. H. Gadsden.....	\$200.00
L. R. Gadsden.....	100.00
George F. Mitchell.....	250.01
	550.01
Field work: Cooperation with Doctor Shepard at Pinehurst, inspection of experimental fields and factory, and necessary travel connected therewith.....	998.76
Total.....	1,548.77
Texas experiment, allotment.....	4,550.00
Salaries:	
F. W. Clarke (in charge).....	\$433.33
Jos. A. Gauges.....	75.00
Charles Keller.....	75.00
J. H. Kinsler.....	606.67
Matthew Richmond.....	75.00
F. L. Scribner.....	104.17
	1,369.17
Field work: Field investigations and necessary travel and cooperation with Mr. Borden....	1,117.12
Miscellaneous: General expenses connected with experiments, freight, express, etc.....	647.66
Total.....	3,133.95
Office and laboratory, allotment.....	3,700.00
Salaries:	
M. M. Gilbert.....	\$200.00
E. E. Hicks.....	1,200.00
G. F. Mitchell.....	400.00
W. O. Richtmann.....	800.00
F. J. Winters.....	117.00
M. W. Winters.....	168.00
	2,885.00
Field work: Field investigations and necessary travel.....	80.15
Miscellaneous, general office and laboratory expenses.....	667.73
Total.....	3,632.88
Authority: Digest of Appropriations, 1905, page 366. (Public—No. 150, p. 10.)	

The principal projects conducted by Dr. S. A. Knapp during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

COTTON BOLL WEEVIL INVESTIGATIONS.

Farmers' cooperative demonstration farm work, apportionment.....	\$40,000.00
Expended as follows: Salaries:	
S. A. Knapp (in charge).....	\$2,876.37
J. E. Adger.....	504.83
A. G. Allen.....	91.52
Benjamin Andrews.....	283.45
P. H. Arrington.....	142.76
W. M. Bamberge.....	1,097.18
Lee Beaty.....	590.31
J. C. Beck.....	536.81
W. D. Bentley.....	662.76
L. J. Berryman.....	480.00
D. H. L. Bonner.....	360.00
J. W. Carson.....	360.00
R. R. Claridge.....	412.41
Mariana Crosby.....	649.66
Bert Cuppernell.....	1,200.00
G. W. Curtis.....	1,146.81
Louise Decker.....	30.00
W. G. Edwards.....	163.45
J. A. Evans.....	927.24
G. A. Garney.....	137.59
W. N. George.....	142.76
W. P. Gochenour.....	408.32
R. E. L. Giles.....	310.00
G. A. Hall.....	880.00
E. H. Harman.....	157.33
J. T. Harrison.....	151.03
J. F. Henderson.....	\$300.00
L. C. Hill.....	240.00
F. A. Hiley.....	704.83
H. N. Hoffer.....	480.00
H. W. Joyce.....	136.55
W. E. Keeble.....	160.00
Irene Kinnebrew.....	761.61
A. B. Kinnebrew.....	442.67
B. H. Mitchell.....	200.00
J. A. Palmer.....	266.90
T. S. Peeler.....	240.00
L. Perrin.....	180.00
W. F. Proctor.....	480.00
James A. Quicksall.....	783.70
J. P. Slattery.....	202.67
W. J. Stanfield.....	119.45
J. W. Stiles.....	177.93
R. D. Watson.....	772.76
S. H. Watson.....	705.75
J. E. Wemple.....	500.00
E. C. Whitley.....	750.00
W. G. Wilkins.....	188.00
G. T. Williams.....	252.41
Total.....	23,747.82
Field work, including expenses of cooperation with private growers and State experiment stations and travel expenses of special agents, lecturers, supervisors, etc.....	13,982.84
Miscellaneous, including stationery and general office and laboratory expenses.....	2,432.63
Total expenditures.....	40,163.29
Authority: Digest of Appropriations, 1905, page 363.	

The principal projects conducted by the Office of Vegetable Pathology during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

COTTON BOLL WEEVIL INVESTIGATIONS.

BREEDING AND SELECTION.

Field and laboratory work, allotment..... \$22,250.00

Expended as follows:

Salaries:

E. A. Edson (field and laboratory cotton work).....	\$1,697.80
L. H. Davenport (clerical).....	1,169.96
C. Morse (field cotton work and ginning).....	182.00
R. L. Bennett (cooperative cotton work with station).....	2,419.96
S. M. Bain (laboratory and field cotton work in cooperation with Tennessee station).....	1,273.33
D. A. Saunders (field and laboratory cotton work in Texas).....	1,500.00
D. N. Shoemaker (field and laboratory cotton work in Texas).....	1,500.00
I. L. Doyle (messenger and clerical).....	286.00

Total..... 10,029.05

Field work, travel, supplies, conduct of cotton laboratory, cooperation with private growers, inspection of experimental fields, etc.....	9,640.05
Miscellaneous, supplies, freight, express, telegrams.....	1,084.90

Total..... 20,754.00

Authority (Digest of Appropriations, 1905, p. 363): "Provided, That of this sum not to exceed two hundred and fifty thousand dollars may be expended by the Secretary of Agriculture as he shall deem best, in cooperation with the State experiment stations and practical cotton growers if the Secretary shall deem it advisable, to meet the emergency caused by the ravages of the Mexican cotton boll weevil and other insects * * * affecting cotton."

COTTON DISEASES, WILT.

Salaries:

J. F. Duggar.....	\$225.00
W. W. Gilbert.....	629.06
C. H. Billingsley (field work).....	1,040.00

Total..... 1,894.06

Field work, experiments, inspection, travel, etc.....	1,507.34
Miscellaneous, supplies (field, photographic, etc.).....	13.55

Total..... 3,414.95

COTTON DISEASES, ROOT ROT.

Salaries:

George F. Miles.....	\$1,389.85
A. L. Kamball.....	750.00

Total..... 2,139.85

Field work, travel, inspection, cooperation with private growers, etc.....	4,206.63
Miscellaneous, supplies (field, photographic, etc.).....	643.73

Total..... 6,990.21

Authority: Digest of Appropriations, 1905, page 363.

The principal projects conducted by the Office of Farm Management during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

COTTON BOLL WEEVIL INVESTIGATIONS.

INTRODUCTION OF NEW CROPS AND DIVERSIFICATION OF CROPS.

Administrative:

Salaries—

N. V. Price (clerk).....	\$1,117.50
E. M. Beall (clerk).....	824.00
Miscellaneous, including office supplies, office furniture, etc.....	1,634.97

Total..... 3,576.47

Gulf coast crops:

Salary, S. M. Tracy (special agent).....	2,500.00
Field work, experiments for the introduction of new crops.....	105.19

Total..... 2,605.19

Western agricultural extension. (Nothing expended in 1905.)

Diversification farms:

Salaries—

J. F. Duggar (collaborator).....	\$150.00
E. R. Lloyd (special agent).....	144.28
W. L. Williamson (special agent).....	320.84
F. E. Richardson (special agent).....	66.67
G. A. Schattenberg (special agent).....	200.00

Field work, establishment of demonstration farms for the diversification of crops and introduction of new crops.....	4,917.03
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Total..... 5,698.82

(5) Diversification farm supervisors:

Salaries—	
C. W. Warburton, assistant agriculturist.....	\$1,050.80
M. A. Crosby, scientific assistant.....	1,040.80
H. Benton, assistant agriculturist.....	159.44
D. A. Brodie, assistant agriculturist.....	837.78
Field work—travel in connection with supervising work on diversification farms.....	3,598.47
Total.....	6,687.29

(6) Truck specialist:

Field work, travel in connection with trucking investigations on diversification farms...	529.87
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Authority (Digest of Appropriations, 1905, p. 263): "Emergency appropriation: To enable the Secretary of Agriculture to meet the emergency caused by the ravages of the Mexican cotton boll weevil, etc." 17,097.

The principal projects conducted by Mr. O. F. Cook during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

COTTON BOLL WEEVIL INVESTIGATIONS.

Weevil-resistant cotton, allotment.....	\$7,275.00
Expended as follows:	
Salaries:	
W. R. Maxon (special agent).....	\$600.00
R. H. Hay (special agent).....	350.00
H. Pittier (special agent).....	883.75
J. H. Kinsler (special agent).....	500.00
R. M. Meade (laborer).....	82.50
E. M. Platt (clerk).....	37.50
O. F. Cook (in charge).....	229.17
G. N. Collins (assistant).....	150.00
F. L. Lewton (assistant).....	133.34
Total.....	2,976.26
Field work, field investigations and experiments and travel in connection therewith.....	2,558.50
Miscellaneous, supplies, and general office and laboratory expenses.....	675.87
Total expenditures.....	6,210.63

Authority (Digest of Appropriations, 1905, p. 263): "Provided, That of this sum not to exceed \$250,000 may be expended by the Secretary of Agriculture in such manner as he shall deem best, in cooperation with the State experiment stations and practical cotton growers if the Secretary of Agriculture shall deem it advisable, to meet the emergency caused by the ravages of the Mexican cotton boll weevil and other insects and diseases affecting cotton."

Expenditures of the Bureau of Forestry, Department of Agriculture, for the fiscal year ended June 30, 1905.

[Appropriation: Bureau of Forestry, salaries, 1905, \$37,140.]

STATUTORY SALARIES, TRAVELING EXPENSES, AND STATION AND FIELD EXPENSES.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
Gifford Pinchot.....	Forester, at \$3,500.....	\$3,431.94	\$1,152.11		
George B. Sudworth.....	Assistant forester.....	2,500.00	1,351.32		
Edward T. Allen.....	do.....	2,000.00	503.90		
Henry S. Graves.....	do.....	1,800.00	1,327.58		
Edna M. Frost.....	Stenographer, at \$1,200.....	1,181.66			
Geo. L. Clothier.....	Field assistant.....	1,500.00	924.69		
Ernest A. Sterling.....	Field assistant, at \$1,400.....	350.00			
George E. Clement.....	do.....	1,050.00	295.15		
J. Girvin Peters.....	Field assistant, at \$1,200.....	823.34	19.55		
Albert W. Cooper.....	do.....	300.00	1,338.40		
David G. Kinney.....	Field assistant, at \$1,000.....	969.44	354.35		
Wm. L. Bray.....	Collaborator, at \$300.....	300.00			
Charles E. Bessey.....	do.....	300.00			
Wm. R. Dudley.....	do.....	300.00			
Wm. F. Fox.....	do.....	300.00			
Edward M. Griffith.....	do.....	300.00	240.50		
Ralph S. Hosmer.....	do.....	287.50			
Willis L. Jepson.....	do.....	300.00			
A. J. McClatchie.....	do.....	252.50			
Arnold V. Stubenrauch.....	do.....	300.00			
James W. Toumey.....	do.....	300.00			

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

STATUTORY SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimburse- ment for station and field expenses.	
George G. Anderson.....	Clerk.....	\$1,600.00			
Arthur G. Varela.....	Photographer.....	1,200.00			
Hugh M. Curran.....	Computer.....	1,000.00	\$2,296.91		
Fanny M. Allen.....	Clerk, class 1.....	1,200.00			
Ernest A. Bennett.....	do.....	1,200.00			
Arthur L. Dahl.....	do.....	1,200.00			
Sue McLure Gill.....	Clerk, at \$1,000.....	1,000.00			
Edith Simonson.....	do.....	1,000.00			
Miles W. Ely.....	Clerk, at \$900.....	900.00			
Mary C. Gannett.....	do.....	752.50			
Edith R. Mosher.....	do.....	285.00			
Elizabeth B. Preston.....	do.....	615.00			
Charles H. Rowden.....	do.....	750.00			
Mary M. Childs.....	Clerk, at \$720.....	540.00			
Mrs. Lillian T. Conway.....	do.....	720.00			
Louise T. Harrison.....	do.....	720.00			
Gertrude C. Lyddane.....	do.....	720.00			
Lucretia R. McPherson.....	do.....	720.00			
L. Belle Moskedal.....	do.....	720.00			
Lena G. Tillet.....	do.....	720.00			

Total amount paid for salaries under above appropriation, \$36,330.88.

Unexpended balance, \$749.12.

[Appropriation: General expenses, Bureau of Forestry, 1905, \$388,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimburse- ment for station and field expenses.	Total.
James B. Adams.....	Chief Division of Records.....	\$2,200.00	\$69.05		\$2,269.05
Doris C. Alford.....	Skilled laborer.....	66.67			66.67
Miss Mathilde Ammon.....	Clerk.....	261.33			261.33
Hazel V. Anderson.....	Laborer.....	120.00			120.00
Charles T. Austin.....	do.....	720.00			720.00
Miss Susie P. Barksdale.....	do.....	600.00			600.00
Miss Vessie C. Baxter.....	do.....	125.00			125.00
Leo P. Bergin.....	Messenger boy.....	400.00			400.00
Mrs. Margaret A. Best.....	Clerk.....	148.00			148.00
Mrs. Belle B. Blackley.....	do.....	104.00			104.00
Oliver H. Booth.....	Expert.....	369.45			369.45
Mrs. Nellie W. Brenizer.....	Artist.....	790.00	22.20		812.20
Nellie W. Brenizer.....	Laborer.....	90.00			90.00
Miss Lula Brower.....	Clerk.....	600.00			600.00
Peyton Brown.....	Expert.....	1,200.00			1,200.00
Miss Rose Browning.....	Clerk.....	141.33			141.33
Grant Bruce.....	Agent.....	1,000.00			1,000.00
Mrs. Jennie B. Burnham.....	Clerk.....	376.00			376.00
Findley Burns.....	Expert.....	275.00	17.20		292.20
John P. Cassidy.....	Watchman.....	96.66			96.66
Thos. C. Coleman.....	Assistant forest expert.....	480.00			480.00
Miss Lila W. Collins.....	Clerk.....	600.00			600.00
Quincy R. Craft.....	Editorial clerk.....	1,600.00			1,600.00
P. D. Cronin.....	Expert.....	360.00			360.00
Margaret V. Cunnigham.....	Laborer.....	600.00			600.00
Earle S. Dean.....	Draftsman.....	1,200.00			1,200.00
Edith S. De Putron.....	Clerk.....	30.67			30.67
Annie E. Draper.....	do.....	500.00			500.00
Harvey Drowns.....	Unskilled laborer.....	9.00			9.00
Albert L. Elmore.....	do.....	288.33			288.33
Nellie E. Emerson.....	Clerk.....	378.67			378.67

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Helen H. Esterly.....	Clerk.....	\$8.33			\$8.33
Susanna Flanagan.....	Laborer.....	720.00			720.00
Geo. V. Fowler.....	Messenger.....	350.00			350.00
Edith F. Gardner.....	Stenographer and typewriter.....	17.66			17.66
Henry Ginnett.....	Watchman.....	123.34			123.34
Chas. B. Gosorn.....	Draftsman.....	415.00			415.00
Robert B. Handy, jr.....	Laborer.....	600.00			600.00
Oscar E. Haring.....	Assistant forest expert.....	480.00			480.00
Pearl E. Harrison.....	Clerk.....	80.00			80.00
Rufus K. Helphens- stine, jr.....	do.....	1,000.00			1,000.00
Harry L. Hill.....	do.....	1,400.00			1,400.00
Louise P. Hiss.....	do.....	12.00			12.00
Ethel T. Hoffman.....	do.....	108.00			108.00
John Hogan.....	Messenger.....	238.33			238.33
Hilda J. Holberg.....	Clerk.....	526.67			526.67
Prevost Hubbard.....	Assistant in timber testing.....	408.30			408.30
Nannie S. Hubbard.....	Clerk.....	720.00			720.00
Henrietta Hutchinson.....	Charwoman.....	190.00			190.00
Leona Jackson.....	Clerk.....	106.67			106.67
Daniel Jauch.....	Watchman.....	323.34			323.34
Lula Cox Johnson.....	Clerk.....	273.33			273.33
Mrs. Willie W. Jones.....	do.....	376.00			376.00
Lucy C. Kellerhouse.....	do.....	800.00			800.00
Elise Kettler.....	Draftsman.....	880.00			880.00
Geo. E. King.....	Clerk.....	1,800.00			1,800.00
Margaret B. Knapp.....	do.....	6.67			6.67
Chas. A. Kolb.....	Draftsman.....	1,600.00			1,600.00
Anna P. Koschwitz.....	Clerk.....	550.00			550.00
Letitia A. Langille.....	do.....	114.00			114.00
Mary R. Latimer.....	Laborer.....	600.00			600.00
Lizzie D. Lawlor.....	Messenger.....	840.00			840.00
Robert E. Lee.....	Laborer.....	600.00			600.00
Theresa M. Loughran.....	Clerk.....	600.00			600.00
Clara F. Love.....	do.....	600.00			600.00
Saidie W. Luttrell.....	Laborer.....	600.00			600.00
John B. McCormack.....	Painter.....	76.80			76.80
Stella R. McFadden.....	Clerk.....	6.00			6.00
John C. McFall.....	Laborer.....	275.00			275.00
Meta T. McLaws.....	Clerk.....	148.00			148.00
Wm. E. Maddox.....	Unskilled laborer.....	126.67			126.67
Wesley Markwood.....	Messenger.....	700.00			700.00
Ernest A. Melzar.....	Clerk.....	291.67			291.67
Thomas S. Merrill.....	do.....	759.93			759.93
Alice M. Meynes.....	do.....	600.00			600.00
Raye W. Moorhead.....	do.....	372.00			372.00
Mary D. Moore.....	do.....	10.00			10.00
Stella W. Munce.....	do.....	600.00			600.00
John E. Nelson.....	Watchman.....	176.67			176.67
Metta S. Newell.....	Clerk.....	40.00			40.00
Annie Newton.....	do.....	5.33			5.33
Joseph S. Noel.....	Draftsman.....	427.50			427.50
Caroline Norden.....	Clerk.....	450.00			450.00
Elizabeth M. Olmsted.....	do.....	800.00			800.00
Leopold Olszewski.....	Draftsman.....	375.00			375.00
James F. O'Reilly.....	Skilled laborer.....	85.33			85.33
James W. Painter.....	Assistant photographer.....	148.00			148.00
Oscar A. Phillips.....	Laborer.....	360.00			360.00
Evelyn L. Price.....	Clerk.....	800.00			800.00
Anne A. Pryor.....	Laborer.....	525.00			525.00
Sue W. Ramsaur.....	Clerk.....	89.33			89.33
Lillian V. Rancke.....	do.....	600.00			600.00
William Randolph.....	Laborer.....	12.75			12.75
Mathilda Ross.....	do.....	300.00			300.00
Frederick A. Royse.....	Watchman.....	375.00			375.00
Lillie Ryan.....	Charwoman.....	98.00			98.00
Mary A. Salisbury.....	do.....	150.00			150.00
Do.....	do.....	360.00			360.00
Edward W. Sawyer.....	Clerk.....	137.44			137.44
John T. Scott.....	Painter.....	147.20			147.20
Sarah F. Seaton.....	Laborer.....	720.00			720.00
Rosalie McK. Shelton.....	Clerk.....	568.34			568.34
Everett S. Shipp.....	Photographer.....	1,000.00			1,000.00
Maggie Showers.....	Charwoman.....	112.67			112.67
Grant P. Smith.....	Unskilled laborer.....	500.00			500.00
Wm. A. Smith.....	Laborer.....	835.50			835.50

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Martha Sneed.....	Charwoman.....	\$240.00			\$240.00
Addie E. Somers.....	Clerk.....	408.33			408.33
Turner R. Speller.....	Laborer.....	720.00			720.00
Mattie R. Spillman.....	Clerk.....	800.00			800.00
Elsie B. Stabler.....	Laborer.....	720.00			720.00
Carrie M. Stagg.....	Clerk.....	257.50			257.50
Lena Stein.....	do.....	300.00			300.00
Lulu Stewart.....	Laborer.....	350.00			350.00
Helen E. Stockbridge.....	Librarian.....	1,000.00			1,000.00
Grace M. Stoddart.....	Clerk.....	1,000.00			1,000.00
Florence D. Strause.....	do.....	1,000.00			1,000.00
Emil H. Stuck.....	Assistant.....	1,300.00			1,300.00
Maggie E. Sullivan.....	Charwoman.....	30.00			30.00
Charles L. Taylor.....	Draftsman.....	1,200.00			1,200.00
Nellie B. Taylor.....	Clerk.....	5.33			5.33
Thomas C. Taylor.....	Stenographer and typewriter.....	166.66			166.66
Osmund H. Tibbott.....	Accountant.....	728.89			728.89
Ann M. Tonks.....	Clerk.....	341.33			341.33
Henry C. Towers.....	Expert.....	1,300.00			1,300.00
Homer S. Tripp.....	Draftsman.....	1,000.00			1,000.00
Miss L. S. Trueheart.....	Clerk.....	5.33			5.33
Ella L. Vaught.....	do.....	28.33			28.33
William L. Walter.....	Watchman.....	78.33			78.33
Samuel M. Watson.....	Unskilled laborer.....	245.00			245.00
Georgia E. Wharton.....	Laborer.....	392.00			392.00
Albert A. Wiley.....	Clerk.....	162.50			162.50
Gross H. Williams.....	do.....	1,000.00			1,000.00
Lydia A. Williams.....	do.....	600.00			600.00
John N. Williamson.....	Assistant.....	187.50			187.50
Emma M. Winchester.....	Clerk.....	82.67			82.67
Mark Winchester.....	do.....	44.44			44.44
John M. Witherow.....	Draftsman.....	1,200.00			1,200.00
George W. Woodruff.....	Expert.....	1,800.00			1,800.00
Genevieve Woodson.....	Clerk.....	60.00			60.00
Ida V. Wrenn.....	do.....	78.00			78.00
Effie M. Young.....	do.....	1,000.00			1,000.00

Total amount paid for salaries in Washington under above appropriation, \$67,795.02.

[Outside of Washington.]

Alfred Akerman.....	Forest assistant.....	\$864.17			\$864.17
Do.....	do.....	260.00	\$52.68		312.68
Robert H. Allen.....	Assistant forest expert.....	307.78			307.78
John Appleton.....	Forest agent.....	641.66	281.66		923.32
John B. Anderson.....	Forest assistant.....	724.97	225.34		950.31
Robert W. Ayres.....	do.....	500.00	551.82		1,051.82
John S. Baird.....	Forest agent.....	666.66	183.00		849.66
Do.....	do.....	150.00	135.50		285.50
Hugh P. Baker.....	Forest assistant.....	249.97	293.79		543.76
Louis A. Barrett.....	Forest inspector.....	166.66	67.55		234.21
Cornelius Barry.....	Agent in timber tests.....	600.00			600.00
J. Earle Barton.....	Forest student.....	4.17			4.17
Fred J. Baker.....	Forest assistant.....	427.50	152.76		580.26
R. E. Benedict.....	do.....	1,000.00	1,302.11		2,302.11
Fred W. Besley.....	do.....	1,000.00	1,721.24		2,721.24
Harold S. Betts.....	Engineer in timber testing.....	1,400.00	266.20		1,666.20
Zina L. Bliss.....	Forest agent.....	163.33	336.80		500.13
Jacob C. Blumer.....	Assistant forest expert.....	158.67	16.55		175.22
Jay F. Bond.....	Forest assistant.....	85.83			85.83
Edward F. Braniff.....	do.....	1,200.00	1,779.99		2,979.99
Daniel D. Bronson.....	Forest student.....	51.67			51.67
Do.....	Assistant forest expert.....	58.34			58.34
Forest B. H. Brown.....	do.....	163.06	159.61		322.67
Do.....	do.....	200.00	200.56		400.56
Henry D. Brown.....	Watchman.....	350.00			350.00
Horatio J. Brown.....	Forest assistant.....	900.00	336.35		1,236.35
Eugene S. Bruce.....	Lumberman.....	1,979.17	934.64		2,913.81
Ralph C. Bryant.....	Forest inspector.....	95.00			95.00
Mark Burns.....	Forest agent.....	791.67	346.05		1,137.72
Harrison D. Burrall.....	Forest student.....	150.00			150.00
Do.....	Assistant forest expert.....	38.06			38.06
Do.....	do.....	66.67			66.67
Do.....	do.....	123.89			123.89

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Edward E. Carter.....	Forest assistant.....	\$27.78	.....	.....	\$27.78
Austin Cary.....	Expert.....	100.00	.....	.....	100.00
Thomas A. Casey.....	Forest student.....	65.83	.....	.....	65.83
George H. Cecil.....	Assistant forest expert.....	500.00	.....	.....	500.00
Charles S. Chapman.....	Forest assistant.....	1,108.33	\$220.17	.....	1,328.50
Do.....	do.....	50.00	.....	.....	50.00
H. H. Chapman.....	do.....	1,000.00	165.71	.....	1,165.71
Rushton H. Charlton..	Forest inspector.....	500.00	528.90	.....	1,028.90
E. G. Cheney.....	Assistant forest expert.....	128.89	.....	.....	128.89
Alfred K. Chittenden..	Assistant forest inspector.....	1,500.00	69.20	.....	1,569.20
Horace W. Chittenden	Forest assistant.....	1,000.00	552.68	.....	1,552.68
Judson F. Clark.....	Agent.....	83.33	162.76	.....	246.09
George E. Clement.....	Forest assistant.....	350.00	48.45	.....	398.45
Treadwell Cleveland, jr	Expert.....	20.83	.....	.....	20.83
Edward C. Clifford.....	Forest student.....	200.00	71.80	.....	271.80
Do.....	Assistant forest expert.....	162.93	209.81	.....	372.74
M. Cline.....	Agent.....	375.00	63.55	.....	438.55
Anson E. Cohoon.....	Forest assistant.....	710.00	435.35	.....	1,145.35
Albert W. Cooper.....	do.....	700.00	612.75	.....	1,312.75
William T. Cox.....	Assistant forest expert.....	256.66	1,185.59	.....	1,442.25
Carl G. Crawford.....	Computer and forest agent.....	1,400.00	683.50	.....	2,083.50
B. R. H. d'Allemand..	Forest student.....	13.33	14.00	.....	27.33
Arthur L. Dean.....	Expert.....	125.00	21.22	.....	146.22
Sam'l B. Detwiler.....	Forest assistant.....	335.05	346.15	.....	679.20
Coert Du Bois.....	do.....	1,400.00	976.77	.....	2,376.77
John B. Dumont, jr.....	Forest student.....	5.83	.....	.....	5.83
Frederick Dunlap.....	Forest assistant.....	963.89	233.38	.....	1,197.27
W. G. Durbin.....	Agent.....	158.00	.....	.....	158.00
Do.....	Assistant forest expert.....	390.28	.....	.....	390.28
H. B. Eastman.....	Forest assistant.....	867.59	332.05	.....	1,199.55
Harry D. Everett.....	do.....	1,000.00	.....	.....	1,000.00
George Farley.....	Forest agent.....	791.67	343.70	.....	1,135.37
C. H. Farnum.....	Forest assistant.....	130.52	.....	.....	130.52
C. E. Feagin.....	Forest agent.....	700.00	214.30	.....	914.30
James M. Fetherhoff..	Forest assistant.....	1,000.00	947.75	.....	1,947.75
Richard T. Fisher.....	do.....	35.75	.....	.....	35.75
Stuart J. Flintham.....	do.....	833.37	333.12	.....	1,166.49
John Foley.....	Assistant forest inspector.....	1,700.00	83.60	.....	1,783.60
Albert T. Forse.....	Clerk.....	185.00	.....	.....	185.00
Harold D. Foster.....	Forest assistant.....	1,000.00	503.61	.....	1,503.61
E. B. Fuls.....	Agent in District of Columbia.....	1,200.00	151.62	.....	1,351.62
Wesley J. Gardner.....	Forest assistant.....	1,200.00	207.45	.....	1,407.45
Alfred Gaskill.....	do.....	1,437.50	858.54	.....	2,296.04
Rollin G. Giffin.....	Forest agent.....	846.67	312.07	.....	1,158.74
Leslie M. Gooding.....	Forest student.....	75.00	42.70	.....	117.70
O. P. Goss.....	Agent in timber testing.....	375.00	.....	.....	375.00
James E. Gow.....	Assistant forest expert.....	88.88	.....	.....	88.88
William B. Greeley.....	Forest assistant.....	1,000.00	645.60	.....	1,645.60
Edgar T. Greene.....	Forest agent.....	3.33	.....	.....	3.33
Henry Grinnell.....	Assistant forest inspector.....	1,600.00	1,015.43	.....	2,615.43
John D. Guthrie.....	Assistant forest expert.....	155.56	174.04	.....	329.60
Walter B. Hadley.....	Forest assistant.....	695.00	436.43	.....	1,131.43
Harry M. Hale.....	Forest student.....	81.67	94.36	.....	176.03
Chas. H. Hall.....	Agent in timber tests.....	682.50	.....	.....	682.50
Wm. L. Hall.....	Assistant forester.....	2,200.00	479.40	.....	2,679.40
Edwin M. Hamilton.....	Forest agent.....	340.00	154.89	.....	494.89
Edward H. Hareford..	Forest assistant.....	1,013.34	899.99	.....	1,913.33
Philip T. Harris.....	Forest student.....	67.50	.....	.....	67.50
Harry D. Hatley.....	Agent in timber tests.....	500.00	.....	.....	500.00
Chas. F. Hatch.....	Clerk.....	300.00	.....	.....	300.00
W. K. Hatt.....	Civil engineer.....	2,250.00	1,283.94	.....	3,533.94
John H. Hatton.....	Forest assistant.....	1,000.00	794.47	.....	1,794.47
J. Harry Hausenvald..	Forest student.....	86.67	.....	.....	86.67
Austin F. Hawes.....	Forest assistant.....	100.00	45.80	.....	145.80
Ralph C. Hawley.....	do.....	805.55	400.31	.....	1,205.86
Wm. D. Hayes.....	Forest student and assistant forest expert.....	360.84	187.95	.....	548.79
C. L. Hill.....	Forest student.....	62.50	.....	.....	62.50
Wm. C. Hodge, jr.....	Forest assistant.....	1,166.67	520.55	.....	1,687.22
E. R. Hodson.....	Assistant forest expert and forest assistant.....	180.55	.....	.....	180.55
J. S. Holmes.....	Forest agent.....	175.00	767.68	.....	942.68
Hartley B. Holroyd..	Assistant forest expert.....	122.22	76.25	.....	198.47
S. J. Holsinger.....	Forest agent.....	75.00	19.35	.....	94.35
Wm. Holt.....	Laborer.....	15.00	.....	.....	15.00
G. Morris Homans.....	Forest assistant.....	999.97	683.99	.....	1,683.96
T. L. Hoover.....	Assistant forest expert.....	6.94	.....	.....	6.94

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Ralph S. Hosmer.....	Collaborator.....	\$12.50			\$12.50
Wm. B. Howard.....	Assistant forest expert.....	13.33			13.33
James A. Howarth, jr.....	do.....	26.67			26.67
Wm. F. Hubbard.....	Forest assistant.....	1,000.00	\$511.08		1,511.08
Loren E. Hunt.....	Expert in timber tests.....	2,000.00	1,708.21		3,708.21
Wallace I. Hutchinson.....	Forest agent.....	720.00	847.43		1,567.43
Richard P. Imes.....	Forest assistant.....	1,056.67	467.25		1,523.92
Mogens C. Jensen.....	Forest agent.....	900.00	611.58		1,511.58
Alfred L. Krammer.....	Agent in District of Columbia.....	900.01	55.15		955.16
John E. Keach.....	Forest agent.....	600.00			600.00
Paul D. Kelleter.....	Forest assistant.....	794.44	474.65		1,269.09
Royal S. Kellogg.....	Forest agent and forest assistant.....	802.78	830.85		1,633.63
W. H. Kempfer.....	Forest student and assistant forest expert.....	225.56			225.56
Wm. H. B. Kent.....	Forest agent.....	630.00	846.14		1,476.14
Frank Klarpp.....	Agent.....	840.00	333.64		1,173.64
Elers Koch.....	Forest assistant.....	1,200.00	749.31		1,949.31
Louis Krautler, jr.....	Student assistant.....	12.50			12.50
W. E. La Fountain.....	Forest agent.....	1,187.50	599.17		1,786.67
J. E. Lagdamco.....	Forest student.....	60.00	52.50		112.50
Harold D. Langille.....	Forest inspector.....	500.00	396.32		896.32
W. A. Langille.....	Forest agent.....	1,800.00	3,719.09		5,519.09
Clyde Leavitt.....	Forest assistant.....	1,000.00	1,803.67		2,803.67
Theodore P. Lukens.....	Forest agent.....	1,300.00	3,058.94		4,358.94
Gerard B. Lull.....	Forest assistant.....	1,000.00	808.93		1,808.93
Chas. A. Lyford.....	do.....	1,000.00	333.01		1,333.01
Wm. R. McKinnon.....	Forest agent.....	791.67	446.94		1,238.61
Louis Margolin.....	Forest assistant.....	1,000.00	106.90		1,106.90
G. E. Marshall.....	Forest agent.....	987.50	1,494.05		2,481.55
Roy L. Marston.....	Forest assistant.....	299.00	605.75		904.75
Wm. H. Mast.....	Forest agent.....	194.44	47.65		242.09
Wilbur R. Mattoon.....	Forest assistant.....	805.56	750.47		1,556.03
Hofer S. Meekham.....	Forest agent.....	1,600.00			1,600.00
Clayton D. Mell.....	do.....	190.56	10.40		200.96
Hamilton G. Merrill.....	Forest assistant.....	1,000.00	673.60		1,673.60
Frank G. Miller.....	do.....	600.00	622.43		1,222.43
Louis C. Miller.....	do.....	980.00	860.94		1,840.94
Walter Mulford.....	Forest agent.....	1,200.00	969.77		2,169.77
George H. Myers.....	Expert.....	400.00	478.58		878.58
Royal S. Nash.....	Forest student.....	33.33			33.33
Harry C. Neel.....	do.....	65.83	119.30		185.13
John M. Nelson, jr.....	do.....	60.00	73.70		133.70
G. W. Noyes.....	Expert.....	500.00			500.00
Frederick E. Olmsted.....	Assistant forester.....	2,200.00	508.44		2,708.44
A. E. Oman.....	Assistant forest expert.....	107.78	57.36		165.14
Allen B. Patterson.....	Forest assistant.....	1,000.00	241.51		1,241.51
F. McLeod Patton.....	Assistant forest expert.....	223.33			223.33
Herbert A. Paul.....	Forest agent.....	720.00	154.15		874.15
George W. Peavy.....	Forest student and forest agent.....	552.23	531.70		1,083.93
Allen S. Peek.....	Forest student.....	87.50	57.82		145.32
J. Girvin Peters.....	Forest assistant.....	300.00	253.62		553.62
Frank J. Philips.....	Assistant forest expert.....	104.44	40.82		145.26
Albert H. Pierson.....	do.....	6.67			6.67
Will L. Porterfield.....	do.....	33.33			33.33
Albert F. Potter.....	Forest inspector.....	2,000.00	1,279.45		3,279.45
Allan R. Powers.....	Forest assistant.....	787.50	483.95		1,271.45
Merritt B. Pratt.....	Forest student.....	75.00	70.50		145.50
Fred L. Pray.....	Assistant forest expert.....	266.67			266.67
Do.....	do.....	149.99			149.99
Overton W. Price.....	Associate forester.....	2,700.00	194.66		2,894.66
Jerome H. Ramskill.....	Assistant forest expert.....	102.19			102.19
Samuel J. Record.....	Forest assistant.....	1,000.00	1,581.95		2,581.95
Paul G. Redington.....	do.....	1,000.00	1,096.24		2,096.24
Franklin W. Reed.....	do.....	1,300.00	1,165.41		2,465.41
Robert V. R. Reynolds.....	Forest agent.....	480.00	1,026.93		1,506.93
Do.....	do.....	300.00			300.00
Smith Riley.....	do.....	900.00	906.07		1,806.07
Arthur C. Ringland.....	Assistant forest expert.....	23.61			23.61
Theodore F. Rixon.....	Forest expert.....	200.00	316.15		516.15
Douglas Rodman.....	Assistant forest expert.....	40.00			40.00
Do.....	do.....	400.00			400.00
Max Rothkugel.....	Forest agent.....	300.00			300.00
Joseph Santucci.....	Laborer.....	600.00			600.00
Charles A. Scott.....	Forest agent.....	437.50	1,041.23		1,478.73
Avery T. Searle.....	Forest assistant.....	666.66	154.05		820.71
Do.....	do.....	400.00	10.70		410.70

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
R. B. Searles.....	Assistant photographer.....	\$440.00	.....	.....	\$440.00
E. R. Secrest.....	Assistant forest expert.....	197.77	.....	.....	197.77
C. H. Sellers.....	Forest student.....	175.00	\$371.88	.....	546.88
Do.....	Assistant forest expert.....	205.00	.....	.....	205.00
Wm. F. Sherfese.....	Forest student.....	75.00	262.80	.....	337.80
F. A. Silcox.....	do.....	5.83	.....	.....	5.83
Dorr Skeels.....	do.....	113.33	.....	.....	113.33
Clinton G. Smith.....	Forest assistant.....	763.89	275.20	.....	1,039.09
George K. Smith.....	Collaborator.....	200.00	64.25	.....	264.25
Herbert A. Smith.....	Expert.....	1,200.00	233.70	.....	1,433.70
Thomas H. Sherrard.....	Assistant forester.....	2,200.00	1,041.67	.....	3,241.67
Manasseh Smith, jr.....	Forest assistant.....	1,000.00	351.49	.....	1,351.49
Stanton G. Smith.....	Forest student.....	75.00	99.57	.....	174.57
Samuel N. Spring.....	Forest assistant.....	333.33	137.00	.....	470.33
Do.....	do.....	20.00	10.00	.....	30.00
Herbert O. Stabler.....	Assistant forest expert.....	115.27	241.90	.....	357.17
E. A. Sterling.....	Forest assistant.....	816.67	1,043.45	.....	1,860.12
Wm. B. Sterrett.....	do.....	583.34	226.49	.....	809.83
O. T. Swan.....	Forest student.....	75.00	10.45	.....	85.45
Do.....	Assistant forest expert.....	364.73	327.03	.....	691.76
Thomas J. Taylor.....	Forest agent.....	700.00	262.70	.....	962.70
Harry D. Tiemann.....	Forest assistant.....	1,200.00	430.26	.....	1,630.26
Burtis J. Teasdale.....	Assistant forest expert.....	33.30	.....	.....	33.30
Rolf Thelen.....	Agent in timber testing.....	600.00	.....	.....	600.00
Frank Tompkins.....	Forest agent.....	700.00	649.13	.....	1,349.13
Harry J. Tompkins.....	Assistant forest inspector.....	1,700.00	1,026.84	.....	2,726.84
Gordon E. Tower.....	Forest assistant.....	547.22	1,107.30	.....	1,654.52
George J. Traugott.....	Forest student.....	75.00	.....	.....	75.00
Blaine S. Viles.....	Forest assistant.....	65.00	.....	.....	65.00
Wm. H. von Bayer.....	do.....	900.00	71.85	.....	971.85
Herman von Schrenk.....	Expert.....	2,500.00	953.46	.....	3,453.46
Lage von Wernstedt.....	Forest student.....	75.00	100.20	.....	175.20
Alpheus O. Waha.....	Assistant forest expert.....	33.33	.....	.....	33.33
William Wallace.....	Forest agent.....	60.00	.....	.....	60.00
William J. Ward.....	do.....	423.33	.....	.....	423.33
Joseph Dewitt Warner.....	Forest student.....	75.00	56.62	.....	131.62
William G. Weigle.....	Forest assistant.....	150.00	.....	.....	150.00
Do.....	do.....	500.00	483.34	.....	983.34
James R. Weir.....	Forest student.....	55.00	.....	.....	55.00
J. P. Wentling.....	Assistant forest expert.....	125.00	552.25	.....	677.25
Walter R. Wheaton.....	Forest agent.....	700.00	493.74	.....	1,193.74
L. L. White.....	Assistant forest expert.....	101.11	58.87	.....	159.98
Robert B. Wilson.....	Forest assistant.....	666.66	910.87	.....	1,577.53
Do.....	do.....	400.00	299.20	.....	699.20
Truman D. Woodbury.....	Forest student.....	75.00	117.76	.....	192.76
Karl W. Woodruff.....	Forest assistant.....	861.12	568.83	.....	1,429.95
S. P. Woolfolk.....	Laborer.....	360.00	76.31	.....	436.31
Theodore S. Woolsey, jr.....	Field assistant.....	27.78	27.78	.....	55.56
H. B. Wynne.....	Forest student.....	50.00	.....	.....	50.00
Edwin A. Zeigler.....	Assistant forest expert.....	393.33	.....	.....	393.33
Do.....	do.....	125.00	503.17	.....	628.17
Raphael Zon.....	Forest assistant.....	400.00	.....	.....	400.00
Do.....	do.....	666.54	339.63	.....	1,006.17
Theodore C. Zschokke.....	Forest student.....	75.00	222.05	.....	297.05

Total amount paid for salaries outside of Washington under above appropriation, \$132,042.66.

STATIONERY.

Name.	Amount.	Name.	Amount.
Byron S. Adams.....	\$4.95	Lamb & Tilden.....	\$59.80
Amberg File and Index Co.....	25.34	Library Bureau.....	202.89
The American News Co.....	26.75	E. Morrison Paper Co.....	22.95
R. P. Andrews & Co.....	1,276.94	J. P. Mowrath.....	59.25
Maude Klock Ball.....	.45	Old Dominion Paper Co.....	129.98
R. Carter Ballantyne.....	326.76	D. Frank Parker.....	807.03
J. Baumgarten & Sons.....	29.50	Remington Typewriter Co.....	232.15
Brentano's (Incorporated).....	5.00	Asa L. Shipman's Sons.....	3.92
Buxton & Skinner Stationery Co.....	3.45	The Stockett-Fiske Co.....	99.97
Samuel Cupples Envelope Co.....	90.83	W. L. Swayze.....	556.98
H. C. Davison & Co.....	94.50	Union Envelope Co.....	83.00
Eberhard Faber.....	208.88	U. S. Unvelope Co.....	858.00
Wm. G. Johnston & Co.....	60.30	Valley Paper Co.....	13.50

Total amount paid for stationery under above appropriation, \$5,283.07.

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
Abercrombie & Fitch.....	\$15.25	Eimer & Amend.....	\$99.25
Advance Fence Co.....	25.16	John Elder.....	35.00
B. R. H. d'Allemand.....	72.50	John Charles Ellerbrock.....	2.00
Amberg File and Index Co.....	46.60	James Elliott & Co.....	55.00
Edwin P. Ambler.....	25.12	J. C. Ergood Co.....	28.28
American Ice Co.....	45.69	Erker Bros. Optical Co.....	44.00
American Type Founders Co.....	549.76	John B. Espey.....	1.75
American Wood Working Machinery Co.....	145.00	Lincoln Eve.....	30.00
C. M. Anderson.....	12.00	Fassett & Kelly.....	25.60
J. E. Archer.....	71.86	J. A. Fay & Egan Co.....	396.05
C. T. Austin.....	8.00	Geo. D. Feldt & Co.....	75.17
G. W. Apple.....	310.70	Felt & Tarrant Manufacturing Co.....	600.00
Barber & Ross.....	207.29	George Fitsmier.....	25.50
G. S. Barnes & Son.....	188.44	O. L. Foster.....	36.21
Bausch & Lomb Optical Co.....	662.60	E. H. Franz.....	35.66
La Moree Besley.....	215.00	John Freney.....	259.04
J. C. Bowen.....	115.53	Geo. F. Fritch & Son.....	6.50
William Brown.....	27.00	W. F. Galliher & Bro.....	1.98
R. C. Burton & Son.....	74.05	S. C. Gallup Saddlery Co.....	510.00
Backus Gas Heater and Fixture Co.....	8.00	Galvanotype Engraving Co.....	9.00
The Bailey Leiby Co.....	35.78	L. N. Gamel.....	25.00
I. Klock Ball.....	24.00	A. G. Gibson.....	10.00
Banner Lumber Co.....	15.84	The J. K. Gill Co.....	3.00
L. J. Barber.....	2.75	Z. D. Gilman.....	1.50
F. Bartildes & Co.....	1.60	C. P. Goerz.....	2.00
J. Baumgarten & Sons.....	69.00	A. S. Goodell.....	237.00
A. T. Baxter.....	118.50	Henry J. Green.....	14.40
H. Bealman.....	2.00	W. J. Griffing.....	28.38
H. Bealmar.....	2.50	Bruno, Grosche & Co.'s successor.....	15.00
Christian Becker.....	223.00	W. & L. E. Gurley.....	2,509.65
W. S. Bell & Son.....	15.00	S. M. Halslip.....	429.30
Charles H. Besley & Co.....	20.16	J. L. Harbaugh & Co.....	40.00
Frank W. Bicknell.....	22.50	F. K. Harrison.....	15.00
Edward Block.....	18.75	Louis Hartig.....	3.14
Blue Line Transfer Co.....	.25	A. O. Hartle.....	25.00
V. L. Bonner.....	28.00	Headson Tool and Manufacturing Co.....	30.00
Ira N. Bove.....	63.00	Henry Heil Chemical Co.....	137.02
P. L. Brady.....	138.35	A. L. Heim.....	39.10
Martin Brent.....	66.00	James B. Henderson.....	1.00
Henry Buenzle.....	37.50	John N. Henrie.....	105.00
Darius E. Burton.....	4.50	J. M. Heyfrom.....	14.05
Alvah Bushnell Co.....	63.95	J. I. Holcomb Manufacturing Co.....	16.80
Capital Traction Co.....	80.00	E. R. Holdson.....	115.50
The Central Laboratory Supply Co.....	78.00	Katherine Houck.....	80.00
G. B. Chapin.....	67.50	Edwin E. Howell.....	800.00
Chattanooga Pottery Co.....	558.00	Chas. E. Hoyt.....	130.00
Chicago Lumber Co. of Omaha.....	301.50	Hubbard Heating Co.....	1.00
Church & Stephenson.....	621.70	The S. B. Hubbard Co.....	16.00
P. C. Claflin.....	2.50	J. E. Hurley.....	68.00
H. T. Clarke.....	248.00	Henrietta Hutchinson.....	1.25
R. P. Clarke Co.....	41.90	F. R. Immler.....	8.70
D. H. Clem.....	34.00	Jacquot & Son.....	109.09
Colclesser Bros.....	338.00	Charles S. Jenkins.....	55.00
A. M. Collins Manufacturing Co.....	82.09	W. S. Jenks.....	4.00
O. H. Conrad.....	35.80	Jewett & Son.....	60.00
M. G. Copeland Co.....	345.93	P. A. Johnson.....	25.00
Geo. E. Corbett.....	139.45	S. P. Johnson.....	3.00
Austin Corcoran.....	107.60	Wm. Jones.....	25.67
Thos. Cornwall & Son.....	96.60	The Maurice Joyce Engraving Co.....	24.02
E. Cosgrove.....	31.65	S. Kann Sons Co.....	199.85
W. S. Cox.....	105.10	Mrs. J. E. Kelley.....	2.40
W. S. Craigue.....	25.00	Kelley How-Thompson Co.....	1.10
Herman S. Davis.....	290.00	Keuffel & Esser Co.....	1,491.60
Eugene DeForest.....	29.27	Keystone Blue Paper Co.....	10.80
Delano & Moore.....	265.04	Geo. P. Killian.....	14.85
Densmore Typewriter Co.....	252.15	King Paper Co.....	12.00
A. B. Dick Co.....	5.00	Emilie Klink.....	132.00
Eugene Dietzgen Co.....	1,119.40	J. B. Knapp.....	381.00
W. F. Donovan.....	207.00	The Geo. W. Knox Express Co.....	101.99
Henry Downing.....	134.00	Lamb & Tilden.....	126.27
Henry Driml.....	30.00	James B. Lambie Co.....	150.36
Duncan Electric Manufacturing Co.....	30.00	The Julius Lansburgh Furniture and Carpet Co.....	3.48
M. Duperow.....	513.53	Lanz Manufacturing Co.....	66.64
Wm. H. Dyer.....	149.80	M. A. Leese.....	195.00
Eastman Kodak Co.....	497.61	Rudolph Leinhard.....	37.50
A. Eberly's Sons.....	.35	Library Bureau.....	259.35
Chas. R. Edmonston.....	3.00	The M. Lindsay Rubber Co.....	14.53

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
Littlefield, Alvord & Co.	\$33.94	Rice & Miller	\$2.50
G. B. Long	25.00	E. H. Richardson	25.67
R. Longstaff	30.00	D. Rickenbacher	19.50
The Lowell-Meservy Hardware Co.	672.37	Richle Bros. Testing Machine Co.	2,535.00
D. D. Lucid	28.50	Terry V. Ritchie	26.83
F. E. Ludwig	2.75	D. A. Rodocker	81.00
Lufkin Rule Co.	38.25	Rudolph, West & Co.	72.47
Lutz & Company	728.85	G. N. Saegmueller	2,250.00
A. S. Lyon	905.00	Saks Optical Co.	453.00
Mackall Bros.	478.79	Geo. J. Salle	56.44
Manhattan Electrical Supply Co.	64.47	Fred A. Schmidt	873.91
J. Manz Engraving Co.	35.00	Ben Schwartz	1.00
W. A. Marceron	17.00	Scientific Engraving Co.	44.00
F. P. May & Co.	5.83	John T. Scott	41.60
W. H. May & Son	39.42	E. H. Sergeant	16.31
John B. McCormack	19.20	L. J. Shaw	25.00
The C. J. McCubbin Co.	1.40	S. S. Shedd & Bro. Co.	4.75
W. A. McCullough	25.00	George Shilling	79.75
Jas. P. McCurdy	3.50	Walter Shoemaker	25.00
James M. McMillan	233.33	Sieber & Trussell Manufacturing Co.	20.15
Thomas Meehan & Sons (Inc.)	21.60	Eric O. Siecke	42.50
George Meier Co.	3.70	Simplex Electric Heating Co.	25.00
S. M. Melick	72.50	Adam Sliger	447.00
Mengel Box Company	20.00	W. A. Smith	78.00
Merchants' Transfer and Storage Co.	29.25	Wm. M. Snyder	27.74
Rufus B. Merchant	20.00	Thos. Somerville & Sons	18.16
Mershon, Shutte, Parker & Co.	27.46	Southern Printers' Supply Co.	763.80
S. N. Meyer	48.50	Sprittine Chemical Co.	9.09
Francis Miller	146.66	Standard Oil Co.	8.70
Mine and Smelter Supply Co.	123.63	The Stockett-Fisk Co.	30.40
Gus Monesey & Co.	104.36	Frank H. Swayze	11.35
Moore Bros.	623.00	M. A. Tappan & Co.	322.95
A. L. Moore	2,490.45	Taylor Bros. Co.	55.85
J. K. Moore	47.85	Henry Taylor Lumber Co.	64.63
E. Morrison Paper Co.	37.83	Amos Thomas	375.00
W. B. Moses & Sons	6.00	J. T. Thomson	150.00
The Mosler Safe Co.	120.00	Lu Tie	40.00
Murray Bros.	301.84	Transit Express Co.	164.00
Geo. F. Muth & Co.	254.77	H. B. Trippe	414.80
National Cycle Repair Co.	3.50	W. P. Turner	37.00
National Electrical Supply Co.	261.12	J. W. Tyler	20.80
J. P. Nawrath	43.68	Underwood Typewriter Co.	198.15
J. A. Newlin	384.00	Union Mill Co.	77.73
E. S. Newman	3.50	Universal Register Co.	3.50
The Newton Lumber and Manufacturing Co.	94.82	Vaughan's Seed Store	25.20
The New York and Texas Land Co.	178.25	W. L. Vaughn	73.33
Tinius Olsen & Co.	1,571.80	H. G. Veneman	25.50
Oliver Machinery Co.	634.20	T. W. Veneman	134.25
Chief of Ordnance	731.97	H. G. Wagner Photo Co.	32.10
Ott Hardware Co.	178.55	J. H. Wagenhorst & Co.	40.00
Edward F. Paddock	50.00	Walker Engraving Co.	46.00
Joseph Parke	42.50	J. T. Walker Sons	6.70
D. Frank Parker	150.35	Walkhill Turp. Co.	608.30
Charles Peterson	192.00	Wm. Walter	110.30
Charles K. Phillips	160.00	Warren & Bass	103.00
Photo Engraving Co.	5.50	The Washburn Shops	25.22
F. J. Plimpton & Co.	172.88	E. L. Washburn & Co.	1.90
Pope Manufacturing Co.	1.00	Western Electric Co.	103.00
Potomac Electric Power Co.	7.20	Whitall, Tatum Co.	107.62
John A. Power	2.25	W. R. Williams	15.75
E. M. Prindle	279.75	Williams, Brown & Earle	203.06
The Public Printer	21,871.40	Woodward & Lothrop	77.49
Quartermaster-General	877.66	C. M. Wolf & Co.	7.50
Queen & Co.	1,015.00	Yale University	1.98
C. E. Rachford	60.00	Yawman & Erbe Manufacturing Co.	9.50
Rand, McNally & Co.	5.10	E. M. Young & Co.	15.55
Thos. H. Rea & Co.	35.58	John R. Young Co.	58.00
Wm. W. Reilly	25.00		
Hugh Reilly	10.36		
Renz & Ludwig	3.00		
Remington Typewriter Co.	1,154.45		
		Less land-grant deduction (Treasury settlement 30338) paid on voucher 11388 to Geo. W. Knox Express Co.	6.64
			71,335.63

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$71,327.24.

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

FURNITURE.

Name.	Amount.	Name.	Amount.
Amberg File and Index Co.	\$2.40	Library Bureau.	\$2,299.46
Art Metal Construction Co.	425.00	Fred S. Lincoln.	19.00
Buxton & Skinner Stationery Co.	27.75	Lohse Patent Door Co.	25.28
J. W. Fawcett.	9.15	W. B. Moses & Sons.	771.74
Giddings & Steele.	192.78	Scarritt-Comstock Furniture Co.	35.75
W. O. Gotwals.	25.00	J. L. Suter.	7.00
Grand Rapids Furniture Co.	44.00	Woodruff Manufacturing Co.	89.50
W. H. Hoeke.	15.00	Woodward & Lothrop Co.	1,198.77
J. Kennard & Sons Carpet Co.	50.75	Yawman & Erbe Manufacturing Co.	1,048.74

Total amount paid for furniture under above appropriation, \$6,287.07.

FUEL.

Jas. M. McMillan.	\$162.92	Yale University.	\$34.25
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Total amount paid for fuel under above appropriation, \$197.17.

FREIGHT.

Amberg File and Index Co.	\$0.78	Illinois Central Railroad Co.	\$6.93
L. N. Andrews, agent, Wabash R. R.	28.40	The Geo. W. Knox Express Co.	28.81
Atchison, Topeka and Santa Fe Rail- way Co.	3.89	Littlefield, Alvord & Co.	21.17
Baltimore and Ohio Railroad Co.	39.47	Mershon, Shuette, Parker & Co.	2.35
Chattanooga Pottery Co.	134.03	Israel Mills, Clay City, Ill.	16.50
Chesapeake and Ohio Railway Co.	8.01	Mine and Smelter Supply Co.	32.87
Chicago, Burlington and Quincy Railroad Co.	10.08	The Newton Lumber and Mfg. Co.	20.39
Chicago, Rock Island and Pacific Railway Co.	4.87	New York, New Haven and Hudson River Railroad Co.	3.55
Cincinnati, Cleveland, Chicago and Saint Louis Railway Co.	11.22	Oregon Railroad and Navigation Co.	8.31
Denver and Rio Grande Railroad Co.	1.68	The Pennsylvania Railroad Co.	7.60
Great Northern Railway Co.	2.47	V. C. Pittmann, Rinald, Ill.	16.50
		Southern Pacific Co.	5.34
		Southern Railway Co.	60.97
		Vandalia Railroad Co.	2.33

Total amount paid for freight under above appropriation, \$478.52.

EXPRESS.

United States Express Co.	\$269.00	H. B. Hulse, agent, Adams Express Co.	\$56.85
Adams Express Co.	413.08	The Washburn Shops.	1.50
Amberg File and Index Co.	1.40		

Total amount paid for express under above appropriation, \$741.83.

TELEGRAPH.

Western Union Telegraph Co.	\$592.43	Postal Telegraph Cable Co.	\$16.25
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Total amount paid for telegraph under above appropriation, \$608.68.

TELEPHONE.

Bell Telephone Co. of Missouri.	\$92.50	The Chesapeake and Potomac Tele- phone Co.	\$482.46
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Total amount paid for telephone under above appropriation, \$574.96.

RENT.

R. D. Stephens.	\$20.00	The Atlantic Building Co.	\$10,726.36
Emmons S. Smith.	270.00		

Total amount paid for rent under above appropriation, \$11,016.36.

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

GAS AND ELECTRICITY.

Name.	Amount.	Name.	Amount.
Fort Wayne and Wabash Valley Traction Co.....	\$15.84	Union Electric Light and Power Co..	\$39.43
Laclede Gaslight Co.....	31.35	The Washington Gas Light Co.....	.90
Potomac Electric Power Co.....	142.97	Yale University.....	4.41

Total amount paid for gas and electricity under above appropriation, \$234.90.

TRAVELING EXPENSES.

James B. Adams.....	\$69.05	Ralph C. Hawley.....	\$400.31
Edward T. Allen.....	503.90	Wm. D. Hayes.....	187.95
Alfred Akerman.....	52.68	Wm. C. Hodge, jr.....	520.55
John B. Anderson.....	225.34	J. S. Holmes.....	767.68
John Appleton.....	281.66	Hartley B. Holroyd.....	76.25
Robert W. Ayres.....	551.82	S. J. Holsinger.....	19.35
John S. Baird.....	318.50	G. Morris Homans.....	683.99
Hugh P. Baker.....	293.79	Wm. F. Hubbard.....	511.08
J. Fred Baker.....	152.76	Loren E. Hunt.....	1,708.21
Louis A. Barrett.....	67.55	Wallace I. Hutchinson.....	847.43
R. E. Benedict.....	1,302.11	Richard P. Innes.....	467.25
Fred W. Besley.....	1,721.24	Mogens C. Jensen.....	611.58
Harold S. Betts.....	266.20	Alfred L. Kammerer.....	55.15
Zina L. Bliss.....	336.80	Paul D. Kelleter.....	474.65
Jacob C. Blumer.....	16.55	Royal S. Kellogg.....	830.85
Edward F. Braniff.....	1,779.99	Wm. H. B. Kent.....	846.14
Forest B. H. Brown.....	360.17	David G. Kinney.....	354.35
Horatio J. Brown.....	336.35	Frank Klapp.....	333.64
Eugene S. Bruce.....	934.64	Elers Koch.....	749.31
Findley Burnes.....	17.20	W. E. LaFountain.....	599.17
Mark Burns.....	346.05	Harold D. Langille.....	396.32
N. W. Brenizer.....	22.20	W. A. Langille.....	3,719.09
Charles S. Chapman.....	220.17	Clyde Leavitt.....	1,803.67
H. H. Chapman.....	165.71	J. E. Lagdameo.....	52.50
R. H. Charlton.....	528.90	Theodore P. Lukens.....	3,058.94
Alfred K. Chittenden.....	69.20	Gerard B. Lull.....	808.93
Horace W. Chittenden.....	552.68	Chas. A. Lyford.....	333.01
Judson F. Clark.....	162.76	Wm. R. McKinnon.....	446.94
Geo. E. Clement.....	295.15	Louis Margolin.....	106.80
Edward C. Clifford.....	281.61	G. E. Marshall.....	1,494.05
M. Cline.....	63.55	Roy L. Marston.....	605.75
Geo. L. Clothier.....	924.69	Wm. H. Mast.....	47.65
Anson E. Cohoon.....	435.35	Wilbur R. Mattoon.....	750.47
A. W. Cooper.....	1,338.40	Clayton D. Mell.....	10.40
Albert W. Cooper.....	612.75	Hamilton G. Merrill.....	673.60
William T. Cox.....	1,185.59	Frank G. Miller.....	622.43
Carl G. Crawford.....	683.50	Louis C. Miller.....	860.94
H. M. Curran.....	2,296.91	Walter Mulford.....	969.77
A. L. Dahl.....	201.25	George H. Myers.....	478.58
B. R. H. d'Allemand.....	14.00	Harry C. Neel.....	119.30
Arthur L. Dean.....	21.22	John M. Nelson, jr.....	73.70
Saml. B. Detwiler.....	346.15	Frederick E. Olmsted.....	508.44
Coert DuBois.....	976.77	A. E. Oman.....	57.36
Frederick Dunlap.....	233.38	Allan B. Patterson.....	241.51
H. B. Eastman.....	332.05	Herbert A. Paul.....	154.15
George Farley.....	343.70	George W. Peavy.....	531.70
C. E. Feagin.....	214.30	Allen S. Peck.....	57.82
James M. Fetherolf.....	947.75	J. Girvin Peters.....	253.62
Stuart J. Flintham.....	333.12	Do.....	19.55
John Foley.....	83.60	Frank J. Phillips.....	40.82
Harold D. Foster.....	503.61	Gifford Pinchot.....	1,068.11
E. B. Fuls.....	151.62	Albert F. Potter.....	1,279.45
Wesley J. Gardner.....	207.45	Allan R. Powers.....	483.95
Alfred Gaskill.....	858.54	Merritt B. Pratt.....	70.50
Rollin G. Giffin.....	312.07	Overton W. Price.....	194.66
Leslie M. Gooding.....	42.70	Samuel J. Record.....	1,581.95
Henry S. Graves.....	1,327.58	Paul G. Redington.....	1,096.24
William B. Greeley.....	645.60	Franklin W. Reed.....	1,165.41
E. M. Griffith.....	240.50	Robert V. R. Reynolds.....	1,026.93
Henry Grinnell.....	1,015.43	Smith Riley.....	906.07
John D. Guthrie.....	174.04	Theodore F. Rixon.....	316.15
Walter B. Hadley.....	436.43	Charles A. Scott.....	1,041.23
Harry M. Hale.....	94.36	Avery T. Searle.....	164.75
Wm. L. Hall.....	479.40	C. H. Sellers.....	371.88
Edwin M. Hamilton.....	151.89	Wm. F. Sherfesse.....	262.80
Edward H. Hareford.....	899.99	Thomas H. Sherrard.....	1,041.67
W. K. Hatt.....	1,283.94	Clinton G. Smith.....	275.20
John H. Hatton.....	794.47	Herbert A. Smith.....	233.70
Austin F. Hawes.....	45.80	Geo. K. Smith.....	64.25

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

TRAVELING EXPENSES—Continued.

Name.	Amount.	Name.	Amount.
Manasseh Smith, jr.....	\$351. 49	Lage Von Wernstedt.....	\$100. 20
Stanton G. Smith.....	99. 57	Joseph De Witt Warner.....	56. 62
Samuel N. Spring.....	147. 00	William G. Weigle.....	483. 34
Herbert O. Stabler.....	241. 90	J. P. Wentling.....	552. 25
Earnest A. Sterling.....	1,043. 45	Walter R. Wheaton.....	493. 74
Wm. B. Sterrett.....	226. 49	L. L. White.....	58. 87
Geo. B. Sudworth.....	1,351. 32	Robert B. Wilson.....	1,210. 07
O. T. Swan.....	337. 48	Truman D. Woodbury.....	117. 76
Thomas J. Taylor.....	262. 70	Karl W. Woodruff.....	568. 83
Harry D. Tiemann.....	430. 26	S. P. Woolfolk.....	76. 31
Frank Tompkins.....	649. 13	Theodore S. Woolsey, jr.....	27. 78
Harry J. Tompkins.....	1,026. 84	Edwin A. Ziegler.....	503. 17
Gordon E. Tower.....	1,107. 30	Raphael Zonn.....	339. 63
Wm. H. Von Bayer.....	71. 85	Theodore Zschokke.....	222. 05
Herman Von Schrenk.....	953. 46		

Total amount paid for traveling expenses under above appropriation, \$89,587.74.

[Appropriation: Testing timbers, Louisiana Purchase Exposition, \$10,000 (deficiency act).]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[Outside of Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
W. L. Bridges.....	Agent in timber tests.....	\$195. 00			\$195. 00
M. Cline.....	Agent.....	270. 00			270. 00
Do.....	do.....	266. 00			266. 00
G. E. Clement.....	Forest assistant.....		\$548. 41		548. 41
O. P. M. Goss.....	Agent in timber tests.....	292. 50			292. 50
W. K. Hatt.....	Civil engineer.....		1,168. 67		1,168. 67
Harry D. Hartley.....	Agent in timber tests.....	800. 00			800. 00
G. E. Noyes.....	Expert.....	815. 38			815. 38
Willis Owens.....	Laborer in timber testing.....	160. 00			160. 00
Herman Von Schrenk.....	Expert.....		776. 37	\$257. 47	1,033. 84
Mark Winchester.....	Clerk.....	461. 10			461. 10

Total amount paid for salaries outside of Washington under above appropriation, \$3,259.98.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
Frank Adams Electric Co.....	\$19. 00	J. A. Newlin.....	\$93. 00
C. M. Anderson.....	120. 00	John O'Brien Boiler Works Co.....	166. 00
Banner Lumber Co.....	157. 56	Willis E. Owen.....	90. 00
Barwick Construction Co.....	692. 35	Joseph M. Pavlick.....	23. 70
A. M. Becker Lumber Co.....	12. 60	Edward F. Paddock.....	75. 00
P. L. Brady.....	61. 10	L. M. Rumsey Manufacturing Co.....	177. 14
Consolidated Cross Tie Co.....	40. 34	J. J. Ritter.....	39. 00
Century Electric Co.....	33. 26	Simmons Hardware Co.....	194. 86
McGarvey Cline.....	17. 10	Daniel Shine.....	85. 00
Chester E. Farris.....	210. 00	F. H. Street.....	20. 00
Garlock Packing Co.....	33. 60	St. Louis Printing Co.....	46. 50
C. W. Hoffman.....	69. 00	Frank Schmidt Planing Mill Co.....	20. 75
Henry Hell Chemical Co.....	46. 32	E. H. Sargent Co.....	50. 58
Katherine Houck.....	20. 00	J. Sorenson.....	57. 50
H. Kihnlein.....	29. 95	W. P. Turner.....	95. 65
J. W. Kirk.....	20. 00	Henry Taylor Lumber Co.....	3. 60
Kerby & Madison Co.....	105. 20	Transit Express Co.....	121. 50
Emeline Klink.....	144. 00	Amos Thomas.....	262. 50
A. B. Kissack.....	21. 00	E. M. Vance.....	25. 00
J. B. Knapp.....	159. 00	Western Electric Co.....	15. 09
Louisiana Purchase Exposition Co.....	22. 00	Wesco Supply Co.....	24. 50
August Meyer.....	75. 00		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$3,795.25.

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

FREIGHT.

Name.	Amount.	Name.	Amount.
Cleveland, Cincinnati and Chicago R. R. Co.....	\$17.92	Wabash R. R. Co.....	\$72.33

Total amount paid for freight under above appropriation, \$90.25.

TELEGRAPH.

Western Union Telegraph Co.....	\$1.92		
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TELEPHONE.

American Bell Telephone Co.....	\$90.00		
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TRAVELING EXPENSES.

G. E. Clement.....	\$548.41	Herman Von Schrenk.....	\$776.37
W. K. Hatt.....	1,168.67		

Total amount paid for traveling expenses under above appropriation, \$2,493.45.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

Herman Von Schrenk.....	\$257.47		
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Total of groups under the above appropriation, \$9,988.32.

Unexpended balance, \$11.68.

[Appropriation: Protection of forest reserves, 1905, \$207,092.36.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[Outside of Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Bertha E. Adams.....	Clerk.....	\$500.00			\$500.00
R. M. Aistrop.....	Forest guard.....	60.00			60.00
Henry F. Albrecht.....	Forest ranger.....	158.00			158.00
Geo. H. Allen.....	do.....	120.00			120.00
Benj. F. Allen.....	Forest superintendent.....	213.16		\$21.05	234.21
Grenville F. Allen.....	Forest supervisor.....	900.00		113.05	1,013.05
John H. B. Allen.....	Forest ranger.....	180.00			180.00
Samuel P. Allen.....	do.....	360.00			360.00
John D. Alsop.....	do.....	642.50			642.50
A. A. Anderson.....	Special forest inspector.....	290.00			290.00
Do.....	Special forest superintendent.....	83.33			83.33
Chas. H. Anderson.....	Forest ranger.....	332.00			332.00
David Anderson.....	do.....	497.50			497.50
Jos. F. Anderson.....	do.....	202.00			202.00
Milton J. Anderson.....	do.....	531.00			531.00
Chas. W. Armstrong.....	do.....	450.00			450.00
Adolph Aschoff.....	Forest supervisor.....	900.00		65.55	965.55
Wm. W. Bacon.....	Forest ranger.....	60.00			60.00
Virginia M. Bain.....	Clerk.....	375.00			375.00
John S. Baird.....	Forest ranger.....	250.00			250.00
Chas. E. Baker.....	do.....	75.00			75.00
W. W. Baker.....	do.....	420.00			420.00
George A. Bald.....	do.....	180.00			180.00
Do.....	do.....	225.00			225.00
Roger S. Baldwin.....	do.....	60.00			60.00
Christian T. Balle.....	Forest supervisor.....	454.50		2.25	456.75
Chas. A. Ballinger.....	Forest ranger.....	360.00			360.00

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Wm. P. Banes.....	Forest ranger.....	\$60.00			\$60.00
Frank Barnes.....	do.....	180.00			180.00
Geo. H. Barney.....	Forest supervisor.....	600.00		\$7.30	607.30
Louis A. Barrett.....	Forest inspector.....	720.00	\$16.15	85.63	821.78
Do.....	Forest supervisor.....	333.34		41.05	374.39
Albert L. Barrows.....	Forest ranger.....	44.00			44.00
Smith C. Bartrum.....	Forest supervisor.....	900.00		116.15	1,016.15
Frank Batson.....	Forest guard.....	60.00			60.00
Philip Begue.....	Forest ranger.....	450.00			450.00
Henry J. Bell.....	do.....	194.00			194.00
James R. Bell.....	do.....	150.00			150.00
Do.....	Forest supervisor.....	420.00		7.05	427.05
Lewis Benedict.....	Forest ranger.....	525.00			525.00
George G. Bentz.....	do.....	355.00			355.00
Wm. E. Berry.....	do.....	90.00			90.00
Richard L. P. Bigelow.....	do.....	540.00			540.00
Henry Bimerick.....	do.....	152.00			152.00
Cy. J. Bingham.....	do.....	120.00			120.00
Wm. F. Bingham.....	do.....	162.00			162.00
Edward Bish.....	do.....	180.00			180.00
James Blackhall.....	do.....	360.00			360.00
Adelbert M. Bliss.....	Forest supervisor.....	1,000.00		285.59	1,285.59
Rush M. Blodgett.....	Forest guard.....	82.00			82.00
Chas. W. Blossom.....	Forest ranger.....	450.00			450.00
John J. Blydenstein.....	do.....	360.00			360.00
August Bogner.....	Forest guard.....	32.00			32.00
George C. Boland.....	Forest ranger.....	450.00			450.00
Fred J. Boller.....	do.....	152.00			152.00
E. C. Bond.....	do.....	354.00			354.00
V. L. Bonner.....	Forest guard.....	60.00			60.00
Wm. W. Borom.....	Forest ranger.....	180.00			180.00
Jos. M. Boulter.....	Forest guard.....	56.00			56.00
Thos. M. Bourin.....	do.....	56.00			56.00
Chas. J. Boyle.....	Forest ranger.....	90.00			90.00
George L. Bradford.....	do.....	142.00			142.00
James Bradford.....	do.....	360.00			360.00
Fred S. Breen.....	Forest supervisor.....	1,199.50	97.60	68.90	1,366.00
Patrick Britt.....	Forest ranger.....	360.00			360.00
Ernest Britten.....	do.....	546.00			546.00
James C. Brodie.....	do.....	237.50	35.75		273.25
Walter F. Brough.....	Forest guard.....	94.00			94.00
Sim E. Browder.....	Forest ranger.....	90.00			90.00
Roland W. Brown.....	do.....	32.00			32.00
Wm. F. Brown.....	do.....	120.00			120.00
Oliver P. Brownlow.....	Forest guard.....	76.00			76.00
Eugene S. Bruce.....	Forest inspector.....	520.84			520.84
Chas. E. Buchanan.....	Forest ranger.....	152.00			152.00
Edson T. Buker.....	do.....	84.00			84.00
Seth Bullock.....	Forest supervisor.....	1,542.99		107.25	1,650.24
Oscar B. Bunch.....	Forest ranger.....	120.00			120.00
Page S. Bunker.....	do.....	225.00			225.00
Do.....	do.....	267.00			267.00
Jay Bunting.....	do.....	360.00			360.00
Ward P. Burbidge.....	do.....	60.00			60.00
Mark Burns.....	do.....	208.34			208.34
Henry O. Burton.....	do.....	346.00			346.00
Wm. C. Burton.....	do.....	450.00			450.00
Chas. J. Bush.....	Forest guard.....	90.00			90.00
Louis Busher.....	Forest ranger.....	450.00			450.00
Horatio M. Butler.....	do.....	166.00			166.00
Bert F. Caldwell.....	do.....	427.50			427.50
Eugene C. Caley.....	do.....	120.00			120.00
Wm. S. Caley.....	do.....	450.00			450.00
Frank L. Calkins.....	do.....	58.00			58.00
George F. Campbell.....	do.....	525.00			525.00
Grant Carpenter.....	do.....	60.00			60.00
Reuben S. Cartwright.....	do.....	210.00			210.00
Jno. B. Case.....	Forest guard.....	52.00			52.00
James G. Cayton.....	Forest ranger.....	180.00			180.00
Geo. W. Chamberlin.....	Forest guard.....	60.00			60.00
Orland Chandler.....	Forest ranger.....	450.00			450.00
Guilford B. Chapin.....	do.....	525.00			525.00
Rushton H. Charlton.....	Forest inspector.....	477.00	198.65	555.32	1,230.97
Theo. Christiansen.....	Forest guard.....	60.00			60.00
Parley Christiansen.....	Forest ranger.....	190.00			190.00
Albert B. Claffin.....	do.....	450.00			450.00
Edward M. Clark.....	do.....	152.00			152.00

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Frank N. Clark.....	Forest ranger.....	\$120.00			\$120.00
Jay C. Clark.....	do.....	360.00			360.00
Edwin H. Clark.....	do.....	190.00			190.00
James H. Clarke.....	Forest supervisor.....	1,000.00	\$98.60		1,098.60
A. A. Clayson.....	Forest guard.....	60.00			60.00
Samuel B. Clifton.....	Forest ranger.....	180.00			180.00
Samuel Coen.....	do.....	208.00			208.00
A. E. Cohoon.....	Forest assistant.....	60.00		\$6.40	66.40
Brewer A. Colburn.....	Forest guard.....	94.00			94.00
Gilbert B. Coleman.....	Forest supervisor.....	750.00		96.90	\$846.90
Oliver S. Coleman.....	Forest ranger.....	120.00			120.00
Sylvanus Collett.....	do.....	360.00			360.00
Joseph F. Conlon.....	do.....	336.00			336.00
Francis G. Connelly.....	do.....	120.00			120.00
Alfred B. Conrad.....	do.....	417.50			417.50
Adelbert L. Cool.....	do.....	225.00			225.00
David Coolin.....	do.....	425.00			425.00
Chas. F. Cooley.....	Forest supervisor.....	450.00			450.00
Warren M. Cooper.....	Forest ranger.....	180.00			180.00
Bert Cosper.....	do.....	240.00			240.00
Wm. W. Cox.....	do.....	180.00			180.00
Archie R. Craig.....	Forest supervisor.....	765.00		181.41	946.41
Joel E. Crane.....	Forest ranger.....	120.00			120.00
Do.....	do.....	150.00			150.00
Benj. F. Crawshaw.....	Forest supervisor.....	952.00		99.15	1,051.15
Benj. H. Crow.....	Forest ranger.....	630.00			630.00
J. R. Cruse.....	Forest guard.....	60.00			60.00
Wm. W. Cryder, jr.....	Forest ranger.....	370.00			370.00
James E. Cullom.....	do.....	42.00			42.00
Henrietta M. Curran.....	Clerk.....	416.67			416.67
Austin E. Darby.....	Forest guard.....	82.00			82.00
Lincoln A. Dark.....	Forest ranger.....	52.50			52.50
Wm. H. Dangs.....	do.....	150.00			150.00
Zach. T. Davidson.....	do.....	180.00			180.00
Chas. A. Davis.....	do.....	120.00			120.00
Louis G. Davis.....	Forest supervisor.....	750.00		143.17	893.17
Lewis L. Davis.....	Forest ranger.....	450.00			450.00
Plumas Davis.....	Forest guard.....	60.00			60.00
Edgar B. Davison.....	Forest ranger.....	360.00			360.00
Cassius M. Day.....	Forest supervisor.....	1,000.00		4.55	1,004.55
Richard P. Dean.....	Forest ranger.....	437.50			437.50
Sylvester Dehl.....	do.....	240.00			240.00
Do.....	do.....	150.00			150.00
Peter DeGroot.....	do.....	152.00			152.00
Alfredo G. De-la-Riva.....	do.....	150.00			150.00
Ray D. Dewell.....	do.....	148.00			148.00
Henry E. Dingman.....	do.....	160.00			160.00
Thos. Dinsmore.....	Forest guard.....	60.00			60.00
Chas. H. Dodge.....	Forest ranger.....	450.00			450.00
Geo. B. Doty.....	do.....	134.00			134.00
Stephen H. Douglass.....	do.....	290.00			290.00
Do.....	do.....	173.00			173.00
John Dyke.....	do.....	360.00			360.00
Jos. C. Eastland.....	do.....	450.00			450.00
Henry T. Easton.....	do.....	120.00			120.00
Joseph Eberle.....	do.....	300.00			300.00
Ernest S. Edgerton.....	do.....	450.00			450.00
Wm. D. Edmonston.....	do.....	540.00			540.00
Leonard L. Ellis.....	do.....	324.00			324.00
Saml. L. N. Ellis.....	do.....	583.50		148.70	732.20
Do.....	do.....	105.00	15.90		120.90
Henry H. Enoch.....	Clerk.....	300.00			300.00
Neil Erickson.....	Forest ranger.....	360.00			360.00
George Farley.....	do.....	208.34			208.34
John W. Farmer.....	do.....	490.00			490.00
Frank A. Fenn.....	Forest superintendent.....	1,271.50	266.70	125.98	1,664.18
Homer E. Fenn.....	Forest ranger.....	504.00			504.00
Patrick A. Fenton.....	do.....	630.00			630.00
Fred J. Ferris.....	do.....	442.50			442.50
Chas. H. Fick.....	do.....	360.00			360.00
Emery J. Finch.....	do.....	92.00			92.00
Ernest E. Fishel.....	Forest guard.....	4.00			4.00
Jerry J. Fisher.....	Forest ranger.....	138.00			138.00
Louis Fitting.....	do.....	152.00			152.00
R. W. Flournoy.....	Forest guard.....	18.00			18.00
Ronald G. H. Forsyth.....	Forest ranger.....	348.00			348.00
Blake Franklin.....	Clerk.....	369.44			369.44

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Clarence W. Frye.....	Forest ranger.....	\$316.00			\$316.00
Albert Furman.....	Forest guard.....	60.00			60.00
Jos. F. Galbraith.....	Forest ranger.....	46.00			46.00
Bartley A. Gallagher.....	do.....	60.00			60.00
Garrett B. Gallup.....	Forest guard.....	60.00			60.00
Percy Gardner.....	Forest ranger.....	356.00			356.00
Henry O. Garrison.....	do.....	120.00			120.00
William Garses.....	Forest guard.....	120.00			120.00
Leonard J. Garver.....	Clerk.....	291.00			291.00
F. T. Gash.....	Forest guard.....	60.00			60.00
James W. Geddes.....	do.....	60.00			60.00
Frank C. Geduhn.....	Forest ranger.....	92.00			92.00
Harry Gible.....	do.....	507.50			507.50
Rollin G. Giffin.....	do.....	50.00			50.00
Jno. W. Glossbrenner.....	do.....	272.00			272.00
Geo. M. Glover.....	do.....	445.00			445.00
Gus G. Goodale.....	do.....	599.00			599.00
Geo. A. Gorder.....	do.....	160.00			160.00
John Graham.....	do.....	32.00			32.00
Jos. E. Graham.....	do.....	120.00			120.00
Wm. W. Gray.....	do.....	450.00			450.00
Olney O. Green.....	do.....	450.00			450.00
Albert J. Haase.....	Forest guard.....	60.00			60.00
Fremont N. Haines.....	Forest supervisor.....	750.00		\$344.20	1,094.20
Forest Hale.....	Forest guard.....	60.00			60.00
Geo. A. Hall.....	do.....	82.00			82.00
Henry C. Hall.....	Forest ranger.....	360.00			360.00
John Hall, jr.....	do.....	515.00			515.00
Thos. McC. Hall.....	do.....	120.00			120.00
Edwin M. Hamilton.....	do.....	250.00			250.00
Thos. Hampton.....	Forest supervisor.....	635.00		105.80	740.80
Walter E. Hanks.....	Forest ranger.....	144.00			144.00
Isaac B. Hanna.....	Forest supervisor.....	183.33			183.33
Frederick Hanson.....	do.....	540.00		119.90	659.90
Chas. P. Hardy.....	Forest ranger.....	120.00			120.00
Edward H. Hareford.....	Forest assistant.....	202.33	\$102.15	28.15	332.63
Harry G. Hayes.....	Forest guard.....	48.00			48.00
Wm. H. Hazzard.....	Forest ranger.....	397.50			397.50
Ed. H. Heavey.....	do.....	360.00			360.00
Jno. H. Hector.....	do.....	60.00			60.00
Orlando Hedrick.....	Forest guard.....	18.00			18.00
Robert H. Heitt.....	Forest ranger.....	450.00			450.00
Sebird Henderson.....	do.....	362.00			362.00
Ephraim Henness.....	do.....	92.00			92.00
Byron W. Hennings.....	do.....	92.00			92.00
Julius Henrick.....	do.....	330.00			330.00
Will L. Herbert.....	do.....	395.00			395.00
Fred Herrig.....	do.....	427.50			427.50
Wm. H. Heseman.....	do.....	152.00			152.00
August Hettinger.....	do.....	120.00			120.00
O. V. Hickman.....	do.....	348.00			348.00
Clement Hightower.....	Forest supervisor.....	657.00			657.00
W. F. Hill.....	Forest ranger.....	450.00			450.00
Franklin P. Hilton.....	do.....	215.00			215.00
Edward A. Hinderer.....	do.....	450.00			450.00
Jas. H. Hobbs.....	do.....	120.00			120.00
Otto W. Hoeger.....	Forest guard.....	60.00			60.00
Alex. H. Hogue.....	Forest ranger.....	462.00	11.70	88.95	562.65
Do.....	do.....	150.00			150.00
Wellman Holbrook.....	Forest guard.....	52.00			52.00
Thos. F. Holden.....	Forest ranger.....	225.00			225.00
Benj. B. Holland.....	do.....	190.00			190.00
Albert N. D. Hooper.....	do.....	450.00			450.00
Wm. W. Hooper.....	do.....	225.00			225.00
Do.....	do.....	300.00			300.00
John T. Hough.....	do.....	360.00			360.00
Abraham L. Hoy.....	do.....	445.00			445.00
Calvin H. Huff.....	Forest guard.....	52.00			52.00
L. D. Hurt.....	Forest ranger.....	60.00			60.00
Jos. H. Hutchings.....	do.....	120.00			120.00
Richard P. Imes.....	Forest assistant.....	57.33			57.33
Do.....	do.....	136.25	45.45	18.20	199.90
Guy M. Ingram.....	Forest ranger.....	120.00			120.00
Addison S. Ireland.....	do.....	540.00			540.00
Henry Ireland.....	do.....	415.00			415.00
Wm. E. Jackson.....	Forest supervisor.....	750.00		104.00	854.00
A. H. Jamison.....	Forest guard.....	60.00			60.00

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Benj. F. Jay.....	Forest ranger.....	\$180. 00	.....	.....	\$180. 00
Frederick J. Jeken.....	do.....	180. 00	.....	.....	180. 00
Adolph W. Jensen.....	Forest supervisor.....	600. 00	.....	\$186. 29	786. 29
Claude M. Johnson.....	Forest ranger.....	450. 00	.....	.....	450. 00
Lewis Johnson.....	do.....	130. 00	.....	.....	130. 00
Hiram H. Jones.....	Examiner.....	833. 34	.....	.....	833. 34
Zeph Jones.....	Forest supervisor.....	1,000. 00	.....	509. 78	1,509. 78
Jno. H. Jordan.....	Forest ranger.....	447. 50	.....	.....	447. 50
Beauregard Kenner.....	do.....	525. 00	.....	.....	525. 00
John Kerr.....	do.....	450. 00	.....	.....	450. 00
D. G. Kinney.....	Forest assistant.....	44. 31	\$58. 85	27. 93	131. 09
George A. Kirkwood.....	Forest ranger.....	4. 00	.....	.....	4. 00
Oswald H. Klein.....	do.....	334. 00	.....	.....	334. 00
Leon F. Kneipp.....	do.....	698. 00	.....	66. 90	764. 90
Wm. R. Kreutzer.....	do.....	525. 00	.....	.....	525. 00
Wm. G. Kropke.....	do.....	432. 50	.....	.....	432. 50
Frank A. Kueny.....	do.....	450. 00	.....	.....	450. 00
Arthur B. Lacey.....	do.....	225. 00	.....	.....	225. 00
W. E. LaFountain.....	do.....	312. 50	.....	.....	312. 50
Thos. W. Laird.....	do.....	120. 00	.....	.....	120. 00
Harold D. Langille.....	Forest inspector.....	729. 00	223. 20	109. 85	1,062. 05
Michael Langohr.....	Forest supervisor.....	450. 00	.....	.....	450. 00
V. Gifford Lantry, jr.....	Forest ranger.....	360. 00	.....	.....	360. 00
Jos. C. LaPlant.....	do.....	450. 00	.....	.....	450. 00
Paul Laufeld.....	do.....	342. 00	.....	.....	342. 00
Anthony Lavelle.....	Forest guard.....	60. 00	.....	.....	60. 00
James Leatham.....	Forest ranger.....	180. 00	.....	.....	180. 00
Chas. W. Lee.....	do.....	450. 00	.....	.....	450. 00
Norman Lee.....	Forest guard.....	60. 00	.....	.....	60. 00
Fred Lees.....	Clerk.....	300. 00	.....	.....	300. 00
Chas. T. Leidig.....	Forest ranger.....	450. 00	.....	.....	450. 00
John D. Leland.....	Examiner.....	833. 34	.....	.....	833. 34
Archie C. Leonard.....	Forest ranger.....	460. 75	.....	.....	460. 75
John Lewis.....	do.....	180. 00	.....	.....	180. 00
Paderson Y. Lewis.....	do.....	515. 00	.....	.....	515. 00
Joseph J. Libeu.....	Forest guard.....	32. 00	.....	.....	32. 00
Frank F. Liebig.....	Forest ranger.....	152. 00	.....	.....	152. 00
Frank C. Lillie.....	do.....	450. 00	.....	.....	450. 00
Rufus H. Liston.....	do.....	132. 00	.....	.....	132. 00
Wm. G. Litchfield.....	do.....	152. 00	.....	.....	152. 00
Ernest B. Long.....	Forest guard.....	94. 00	.....	.....	94. 00
Byron Lovelace.....	do.....	120. 00	.....	.....	120. 00
Jno. W. Lowell, jr.....	Forest ranger.....	160. 00	.....	.....	160. 00
Thos. Lucas.....	do.....	180. 00	.....	.....	180. 00
Arthur L. Lynn.....	do.....	450. 00	.....	.....	450. 00
Henry Lyons.....	do.....	240. 00	.....	.....	240. 00
Marion D. Lytle.....	do.....	60. 00	.....	.....	60. 00
Richard McBride.....	do.....	358. 00	.....	.....	358. 00
A. R. McCarty.....	Forest guard.....	120. 00	.....	.....	120. 00
Robert C. McClure.....	Forest supervisor.....	1,176. 50	54. 15	.....	1,230. 65
Benj. F. McConnell.....	Forest ranger.....	87. 00	.....	.....	87. 00
Do.....	Forest supervisor.....	625. 00	16. 40	.....	641. 40
Wm. H. McCoy.....	Forest ranger.....	120. 00	.....	.....	120. 00
Lewis N. McCreery.....	do.....	120. 00	.....	.....	120. 00
Wm. A. McCullough.....	do.....	32. 00	.....	.....	32. 00
Eugene McDaniel.....	Forest guard.....	94. 00	.....	.....	94. 00
Hugh McDermont.....	Forest ranger.....	440. 00	.....	.....	440. 00
Roderick D. McDonald.....	do.....	120. 00	.....	.....	120. 00
Wendell S. McFarland.....	do.....	120. 00	.....	.....	120. 00
Chas. T. McGlone.....	Forest supervisor.....	600. 00	.....	.....	600. 00
Silas L. McKee.....	Forest ranger.....	176. 00	.....	.....	176. 00
Ray McKenzie.....	do.....	120. 00	.....	.....	120. 00
Wm. R. McKinnon.....	do.....	208. 34	.....	.....	208. 34
John W. McLain.....	do.....	525. 00	.....	.....	525. 00
Wm. McLaughlin.....	do.....	120. 00	.....	.....	120. 00
Malcom McLeod.....	Forest guard.....	60. 00	.....	.....	60. 00
Wm. P. McLeod.....	Forest ranger.....	450. 00	.....	.....	450. 00
Robert J. McMullan.....	do.....	360. 00	.....	.....	360. 00
Charles McNaughton.....	do.....	322. 00	.....	.....	322. 00
Hiram H. McNeil.....	do.....	120. 00	.....	.....	120. 00
Shelton I. McPherson.....	do.....	152. 00	.....	.....	152. 00
Alexander J. Mackay.....	do.....	420. 00	.....	.....	420. 00
Edw. S. Mainwaring.....	do.....	445. 00	.....	.....	445. 00
Milton D. Markham.....	do.....	152. 00	.....	.....	152. 00
Daniel S. Marshall.....	Forest supervisor.....	900. 00	.....	.....	900. 00
G. E. Marshall.....	Forest ranger.....	312. 50	.....	.....	312. 50
Harold Marshall.....	Forest guard.....	150. 00	.....	.....	150. 00

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
A. D. Martin.....	Forest ranger.....	\$360.00			\$360.00
Drayton C. Martin.....	do.....	180.00			180.00
Benjamin Mattice.....	Forest guard.....	90.00			90.00
Frank Mazzall.....	Forest ranger.....	92.00			92.00
Lawrence S. Mazzanovich.....	do.....	360.00			360.00
Thomas F. Meagher, jr.....	Forest supervisor.....	600.00	\$136.40		736.40
Harry C. Meeker.....	Forest guard.....	60.00			60.00
James E. Meeks.....	Forest supervisor.....	500.00			500.00
G. W. Milham.....	do.....	750.00	28.35		778.35
Robert E. Miller.....	do.....	1,000.00			1,000.00
Robert H. Miller.....	Forest ranger.....	450.00			450.00
Joseph Millett, jr.....	do.....	152.00			152.00
Ed. W. Mills.....	Forest guard.....	60.00			60.00
George F. Mills.....	do.....	60.00			60.00
James M. Mitchell.....	Forest ranger.....	228.00			228.00
Robert W. Molter.....	do.....	525.00			525.00
Robert J. Moore.....	do.....	505.00			505.00
Sadie O. Moore.....	Clerk.....	375.00			375.00
Christ Morgenroth.....	Forest ranger.....	150.00			150.00
Edward F. Morrissey.....	Forest supervisor.....	500.00	30.51		530.51
Otto A. Morrissey.....	Forest ranger.....	240.00			240.00
Edgar E. Mortimore.....	Forest guard.....	42.00			42.00
Louis H. Mosimann.....	Forest ranger.....	412.00			412.00
Sydney E. Moylle.....	do.....	120.00			120.00
George H. Mullison.....	Forest guard.....	42.00			42.00
John H. Mullison.....	Forest ranger.....	556.00			556.00
John Mundy.....	do.....	412.00			412.00
Henry W. Muzzall.....	do.....	360.00			360.00
Evie G. Myers.....	Clerk.....	375.00			375.00
Lewis A. Myrick.....	Forest ranger.....	450.00			450.00
Ila C. Nealeigh.....	do.....	102.00			102.00
John P. Nelson.....	do.....	450.00			450.00
Jesse W. Nelson.....	do.....	450.00			450.00
Archib Newcomb.....	do.....	120.00			120.00
Lewis Newcomb.....	do.....	450.00			450.00
Charles S. Newhall.....	Forest superintendent.....	43.65	23.60		67.25
Edward G. Newman.....	Forest ranger.....	190.00			190.00
John J. Neylon.....	Forest guard.....	46.00			46.00
Wm. J. Nichols.....	Forest ranger.....	176.00			176.00
John T. Noddin.....	do.....	150.00			150.00
Benson L. Northup.....	do.....	400.00			400.00
John T. Noddin.....	do.....	240.00			240.00
Thomas J. Orr, jr.....	do.....	350.00			350.00
James O. Orr.....	do.....	447.50			447.50
Charles N. O'Neal.....	do.....	84.00			84.00
Wilford Pace.....	do.....	158.00			158.00
Daniel S. Pack.....	Forest supervisor.....	499.75	1.75		501.50
John A. Pack.....	Forest ranger.....	60.00			60.00
Willard I. Pack.....	do.....	412.50			412.50
H. B. Patterson.....	Forest guard.....	22.00			22.00
John H. Patterson.....	Forest ranger.....	14.00			14.00
Wm. H. Pearce.....	Forest supervisor.....	1,000.00	.50		1,000.50
Robert Pemble.....	Forest ranger.....	360.00			360.00
David I. Penrod.....	do.....	174.00			174.00
George A. Peter.....	do.....	414.00			414.00
Peter G. Peterson.....	Forest guard.....	6.00			6.00
J. A. Petty.....	do.....	60.00			60.00
Jeannie S. Peyton.....	Clerk.....	666.67			666.67
Adele F. Pfizer.....	do.....	300.00			300.00
Wm. A. Phelps.....	Forest ranger.....	180.00			180.00
W. H. Pierce.....	do.....	360.00			360.00
Gifford Pinchot.....	Forester.....		84.00		84.00
Myron Pine.....	Forest ranger.....	180.00			180.00
Lon D. Pitts.....	Forest guard.....	94.00			94.00
Fred Platten.....	Forest ranger.....	180.00			180.00
Frank C. W. Pooler.....	do.....	450.00			450.00
Joseph J. Porter.....	do.....	172.00			172.00
David C. Powell.....	do.....	152.00			152.00
Wm. H. Power.....	do.....	550.00			550.00
Allen R. Powers.....	Forest assistant.....	159.75	32.25		192.00
Lorum Pratt.....	Forest supervisor.....	500.00	36.05		536.05
Lorum Pratt, jr.....	Forest ranger.....	360.00			360.00
Joseph H. Prout.....	do.....	427.50			427.50
Ronald W. Pugh.....	Clerk.....	153.33			153.33
Lewis Purdy.....	Forest ranger.....	92.00			92.00
Lewis Pyle.....	Forest guard.....	60.00			60.00

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Guy Ratliff.....	Forest ranger.....	\$420.00			\$420.00
C. E. Rachford.....	Forest guard.....	60.00			60.00
T. S. Rackliff.....	Forest ranger.....	152.00			152.00
Albert E. Rae.....	do.....	60.00			60.00
Charles E. Randle.....	do.....	397.50			397.50
J. E. Rea.....	Forest guard.....	60.00			60.00
George A. Reed.....	Forest ranger.....	180.00			180.00
Wm. H. Reed.....	do.....	630.00			630.00
Reid, John.....	do.....	137.50			137.50
Margaret A. Reid.....	Clerk.....	267.50			267.50
Gerard V. Reyes.....	Forest ranger.....	180.00			180.00
Do.....	do.....	225.00			225.00
Jacinto D. Reyes.....	do.....	450.00			450.00
Albert Reynolds.....	do.....	450.00			450.00
George R. Rhodes.....	do.....	418.00			418.00
John W. Rice.....	do.....	152.00			152.00
E. M. Riggs.....	Forest guard.....	120.00			120.00
Herbert E. Riggs.....	Forest ranger.....	110.00			110.00
George V. Ring.....	do.....	450.00			450.00
Thomas G. Roach.....	do.....	432.50			432.50
Arthur C. Roberts.....	do.....	340.00			340.00
Otto Robinett.....	Forest guard.....	60.00			60.00
Benj. H. Robison.....	Forest ranger.....	64.00			64.00
Walter C. Robinson.....	Forest guard.....	92.00			92.00
Walter K. Robinson.....	Forest ranger.....	180.00			180.00
Rudolph Rosencrans.....	do.....	360.00			360.00
Davis B. Rudd.....	do.....	180.00			180.00
Wm. M. Rudd, jr.....	do.....	172.00			172.00
John H. Ruff.....	do.....	346.00			346.00
Thomas G. Running.....	do.....	180.00			180.00
W. J. Rushing.....	Forest guard.....	76.00			76.00
Edwin C. Russell.....	Forest supervisor.....	737.00	\$37.37		774.37
Edward F. Russell.....	Forest ranger.....	600.00			600.00
George E. Rutherford.....	Forest guard.....	34.00			34.00
Frank J. Ryder.....	Forest ranger.....	482.50			482.50
John W. Ryerson.....	do.....	180.00			180.00
Jerome B. Satterlee.....	Examiner.....	750.00			750.00
Willard L. Sevier.....	Forest ranger.....	180.00			180.00
Jesse M. Sevier.....	do.....	180.00			180.00
John B. Senecal.....	do.....	152.00			152.00
John K. Seely.....	do.....	385.00			385.00
Do.....	do.....	34.00			34.00
Jasper B. Seely.....	Forest supervisor.....	875.00	368.90		1,243.90
William See.....	Forest ranger.....	120.00			120.00
Henry Sedge.....	do.....	220.00			220.00
W. L. Sears.....	Forest guard.....	80.00			80.00
Elmore W. Searcy.....	Forest ranger.....	416.00			416.00
James V. Seaman.....	do.....	450.00			450.00
Armour M. Scholefield.....	do.....	360.00			360.00
Charles R. Scofield.....	do.....	150.00			150.00
William Schuer.....	Forest guard.....	56.00			56.00
John M. Schmitz.....	Forest ranger.....	204.00			204.00
Do.....	do.....	220.00			220.00
Alexander C. Shaw.....	Examiner.....	155.56			155.56
Ralph W. Shellabarger.....	Forest supervisor.....	445.00			445.00
David B. Sheller.....	Forest superintendent.....	1,271.50	265.07		1,536.57
Edward A. Sherman.....	Forest supervisor.....	750.00	123.72		873.72
Howard R. Sherman.....	Forest ranger.....	340.00			340.00
Warren F. Sherman.....	Clerk.....	416.67			416.67
Frank R. Sherwin, jr.....	Forest ranger.....	450.00			450.00
Charles T. Sherwood.....	do.....	260.00			260.00
Charles H. Shinn.....	Forest supervisor.....	949.00	641.01		1,590.01
Jacob G. Shoup.....	Forest ranger.....	300.00			300.00
Spencer B. Shumway.....	do.....	166.00			166.00
Ambrose Shurtz.....	do.....	346.00			346.00
Jose M. Silvas.....	do.....	180.00			180.00
Matthew M. Sims.....	do.....	450.00			450.00
Wm. A. Simmonds.....	do.....	120.00			120.00
Wm. E. Simons.....	do.....	84.00			84.00
Jacob Simpson.....	do.....	360.00			360.00
John M. Simpson.....	do.....	138.00	39.35		177.35
John Slade.....	do.....	128.00			128.00
Lawrence M. Slosson.....	do.....	450.00			450.00
Stuart A. Slosson.....	do.....	92.00			92.00
Willis M. Slosson.....	Forest supervisor.....	900.00	156.72		1,056.72
Byron E. Smith.....	Forest ranger.....	120.00			120.00
Charles Smith.....	do.....	60.00			60.00

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Clinton G. Smith.....	Forest assistant.....	\$100.69	\$69.35		\$170.04
Edgar W. Smith.....	Forest ranger.....	120.00			120.00
Frank T. Smith.....	..do.....	336.00			336.00
John F. Smith.....	..do.....	540.00			540.00
John H. Smith.....	..do.....	32.00			32.00
John R. Smith.....	..do.....	450.00			450.00
Richard L. Smith.....	..do.....	360.00			360.00
Wm. A. Smith.....	..do.....	60.00			60.00
Wm. W. Smith.....	Forest guard.....	116.00			116.00
Wm. Wiley Smith.....	Forest ranger.....	308.00			308.00
Orrin C. Snow.....	..do.....	146.00			146.00
Arthur Snyder.....	..do.....	417.50			417.50
Ysidro L. Soto.....	..do.....	120.00			120.00
John F. Squires.....	Forest supervisor.....	500.00			500.00
John W. Staats.....	Forest ranger.....	152.00			152.00
Wm. Stanton.....	..do.....	120.00			120.00
Henry C. Steed.....	..do.....	92.00			92.00
Frank R. Stewart.....	Forest supervisor.....	936.00	47.05		983.05
Thomas R. Stewart.....	Forest ranger.....	525.00			525.00
J. O. Stiner.....	Forest guard.....	60.00			60.00
Carl Stoddard.....	Forest ranger.....	450.00			450.00
George W. Stone.....	..do.....	120.00			120.00
James Stont.....	..do.....	150.00			150.00
Jos. J. Streiby.....	Forest guard.....	58.00			58.00
Lucy M. Strong.....	Clerk.....	666.67			666.67
James Stuart.....	Forest ranger.....	78.00			78.00
John Sullivan.....	..do.....	152.00			152.00
Wm. R. Sutherland.....	..do.....	56.00			56.00
Frank O. Swanson.....	..do.....	120.00			120.00
Albert R. Swarthout.....	..do.....	540.00			450.00
Samuel S. Swenning.....	..do.....	176.00			176.00
Clarence B. Swim.....	..do.....	360.00			360.00
Bert W. Switzer.....	..do.....	180.00			180.00
Charles A. Taggart.....	..do.....	245.00			245.00
Grant I. Taggart.....	Forest supervisor.....	150.00	61.35		211.35
James Taylor.....	Forest guard.....	32.00			32.00
Wm. B. Taylor.....	Forest ranger.....	238.00			238.00
Do.....	..do.....	150.00			150.00
Andrew J. Templeton.....	..do.....	450.00			450.00
Samuel S. Terrill.....	Forest supervisor.....	450.00	51.30		501.30
James G. Thain.....	..do.....	450.00	5.70		455.70
Edward Thenon.....	Forest guard.....	60.00			60.00
Everett B. Thomas.....	Forest supervisor.....	600.00	318.48		918.48
Thomas Thompson.....	Forest ranger.....	60.00			60.00
Willard K. Thompson.....	..do.....	120.00			120.00
Frank M. Thornton.....	..do.....	360.00			360.00
Harry W. Thurston.....	..do.....	537.00			537.00
Lewis C. Tilghman.....	..do.....	360.00			360.00
Ira E. Todd.....	Forest supervisor.....	700.00	29.72		729.72
Wm. C. Torelle.....	Forest guard.....	60.00			60.00
Nels O. Torstenson.....	Forest ranger.....	540.00			540.00
Sarah G. Totten.....	Clerk.....	416.67			416.67
Lewis S. Trapp.....	Forest ranger.....	300.00			300.00
Eugene F. Tully.....	..do.....	150.00			150.00
Do.....	..do.....	238.00			238.00
Walter S. Tupper.....	..do.....	360.00			360.00
John G. Turnbow.....	..do.....	60.00			60.00
Raymond Tyler.....	..do.....	170.00			170.00
Do.....	..do.....	234.00			234.00
James D. Vance.....	..do.....	102.00			102.00
John VanDeventer.....	..do.....	120.00			120.00
Wm. L. Veatch.....	Forest supervisor.....	875.00	10.40		885.40
Rufus K. Wade.....	Forest ranger.....	540.00			540.00
Henry Waldref.....	..do.....	152.00			152.00
Lester C. Walker.....	Forest guard.....	48.00			48.00
Porter G. Walker.....	Forest ranger.....	60.00			60.00
Wm. C. Walker.....	..do.....	405.00			405.00
Joseph D. Wallace.....	Forest guard.....	42.00			42.00
Wm. F. Wallace.....	Forest ranger.....	525.00			525.00
Warington C. Ward.....	..do.....	150.00			150.00
Robert B. Waterman.....	Forest guard.....	60.00			60.00
Robert J. Watson.....	Forest ranger.....	120.00			120.00
Charles Y. Webb.....	..do.....	180.00			180.00
Do.....	..do.....	225.00			225.00
John C. Wells.....	..do.....	112.50			112.50
Do.....	..do.....	90.00			90.00
Do.....	..do.....	312.00			312.00

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Thomas C. West.....	Forest guard.....	\$80.00			\$80.00
George L. Whidden.....	Forest ranger.....	450.00			450.00
Harrison White.....	Forest supervisor.....	900.00	\$67.15		967.15
John K. Whiting.....	Forest ranger.....	360.00			360.00
Frederick D. Whitney.....	do.....	450.00			450.00
Elias J. Wigal.....	do.....	58.00			58.00
Nat'l E. Wilkerson.....	do.....	442.50			442.50
Harry Wilkinson.....	do.....	425.00			425.00
David H. Williams.....	do.....	152.00			152.00
D. L. Williams.....	Forest guard.....	84.00			84.00
George F. Williams.....	Forest ranger.....	412.50			412.50
Joseph P. Wilson.....	do.....	525.00			525.00
Alexander Wixom.....	do.....	44.00			44.00
Audie Wofford.....	Forest guard.....	60.00			60.00
Clarence N. Woods.....	Forest ranger.....	537.00			537.00
Peter T. Wrensted.....	Forest supervisor.....	450.00			450.00
Charles C. Wright.....	Forest ranger.....	120.00			120.00
Ernest E. Wright.....	do.....	120.00			120.00
Do.....	do.....	370.00			370.00
Charles M. Wynant.....	do.....	40.00			40.00
Silas W. Yarnall.....	do.....	360.00			360.00
W. H. Yarnall.....	Forest guard.....	60.00			60.00
Carl H. Young.....	Forest ranger.....	120.00			120.00
Howard N. Zenor.....	do.....	132.00			132.00
Eugene B. Zumwalt.....	do.....	120.00			120.00
Edward S. Zumwalt.....	do.....	162.00			162.00

Total amount paid for salaries outside of Washington under above appropriation, \$172,575.68.

STATIONERY.

Name.	Amount.	Name.	Amount.
R. P. Andrews & Co.....	\$108.00	C. T. Clearly.....	\$14.80
Richardson Drug Co.....	1.60	James A. Taylor.....	1.00

Total amount paid for stationery under above appropriation, \$125.40.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Abercrombie & Fitch Co.....	\$88.80	John Burkhart.....	\$5.00
John Albrecht.....	14.00	John Byrne.....	51.00
E. Allen.....	8.00	The Callo Press.....	8.16
Alturas New Era.....	152.40	Carbon Timber Co.....	38.09
Philip Alvise.....	60.00	Chamberlain & Hawkins.....	67.05
Arizona Cooperative Mercantile Institution.....	49.28	U. G. Clarke.....	10.00
Ashland Hardware Co.....	16.60	The Clifton Printing Co.....	77.88
Avant Courier Publishing Co.....	195.75	Coffin Bros.....	8.00
Jose Baca.....	50.00	Harvey V. Cole.....	52.00
F. W. Baker.....	6.30	Coleman & Albrecht.....	13.00
Barrett, Hicks Co.....	31.45	Geo. Compton.....	3.50
Do.....	111.82	J. Knox Corbett Lumber Co.....	45.50
F. P. Barrows.....	10.05	Geo. F. Corbin.....	28.09
Basset, Hicks Co.....	164.58	Consolidated Wagon and Machine Co.....	17.80
A. B. Bean & Co.....	45.00	W. S. Cox.....	120.00
J. E. Bell.....	8.00	Stephen Cramer.....	60.00
Swift Berry.....	300.00	J. F. Crawford.....	27.30
Bisbee Daily Review.....	19.05	Crook County Monitor.....	12.61
David L. Blackburn.....	34.00	James E. Dailey.....	5.00
Frank E. Blair.....	26.39	W. W. Dawson.....	60.00
G. H. Block.....	99.75	F. Dell.....	148.00
Boesche Dave Co.....	12.00	Charles Deloney.....	236.04
A. Bogue.....	62.00	Dan Devore.....	3.00
V. L. Bonner.....	60.00	R. Diaz.....	14.00
E. E. Brehm & Bro.....	4.50	Thos. Densmore.....	54.00
E. E. Briggs.....	62.00	Donohue Emmons Co.....	117.45
Buckley Hardware Co.....	4.25	H. G. Dorsch.....	45.45
Buffalo Bulletin.....	74.46	Edward Downey.....	80.00
		Easton Oregon Observer.....	211.40

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
Ebell & Jett.....	\$15.94	Oregon City Enterprise.....	\$59.92
Thos. D. Edwards.....	51.90	Ott Hardware Co.....	5.05
Ellis Forde Co.....	115.13	John Pack.....	50.00
Enterprise Publishing Co.....	16.80	The Park Record.....	7.80
Escalante Co-op.....	34.03	H. B. Patterson.....	22.00
J. W. Farrington.....	38.00	Payne & McGlashan.....	65.35
J. G. Flook Co.....	22.50	E. B. Payne.....	24.00
A. B. Chaffee & Co.....	7.05	Peckinpah Lumber Co.....	29.50
Fresno Flume Irrigation Co.....	18.00	Peoples Lumber Co.....	68.50
W. A. Fowler.....	39.19	H. H. Peregoy.....	14.00
Wm. Garses.....	34.00	Geo. A. Peter.....	217.42
F. T. Gash.....	88.00	Henry Pfanger.....	60.00
Mariposan Gazette.....	27.75	Pioneer Times.....	15.00
Gazette Publishing Co.....	204.00	Plain Deal Publishing Co., Roseburg,	
J. W. Geddes.....	120.00	Oreg.....	118.28
W. H. Gibbons.....	60.00	Polson Bros.....	4.47
J. W. Gilmore.....	42.00	Post-Intelligencer Co.....	125.25
R. H. Gilmore.....	120.00	Poyneer & Co.....	5.00
R. E. Goodwin.....	60.00	C. E. Rachford.....	60.00
D. D. Gray.....	160.00	J. E. Rea.....	90.00
Guy Hartman.....	58.00	Remington Typewriter Co.....	4,126.00
Haskins & Hall.....	58.41	Republican Publishing Co.....	158.25
T. E. Healey.....	69.65	Richardo Lumber Co.....	10.39
J. W. Hick.....	20.00	Richardson Drug Co.....	15.06
John H. Hector.....	56.00	W. M. K. Richmond.....	6.00
N. A. Hedlung.....	58.00	Fred Robinson.....	16.00
D. E. Henry.....	112.00	Rock Springs Lumber Co.....	158.15
Herald Printing Co.....	40.71	J. Ryder.....	60.00
L. Herrick.....	52.75	Sacramento Publishing Co.....	138.48
N. T. Higgins.....	9.00	Saginaw and Manistee Lumber Co.....	47.53
Wellman Holbrook.....	86.00	Salt Lake Tribune Publishing Co.....	139.36
Hollenbeck, Bisk Planing Mill.....	101.65	Andrew Olson.....	16.00
Geo. C. Hollister.....	50.00	San Francisco Call.....	781.20
James Holt.....	74.00	San Jacinto Hardware Co.....	82.27
Hugh Hoops.....	106.00	Fred A. Schmidt.....	13.00
W. W. Horn.....	14.00	C. E. Schoonoon.....	18.00
Saml. Hudiburg.....	108.00	A. W. Service.....	83.21
Fred A. Immier.....	250.00	Sheridan Post Co.....	19.14
Jacob Johnson.....	131.00	Sixth Avenue Planing Mill.....	15.00
D. A. Jones.....	260.00	G. F. Smith.....	4.35
Free Press Publishing Co.....	172.62	Snohomish County Tribune.....	4.27
J. J. Kelly.....	35.13	Socorro Publishing Co.....	14.00
John Kichner.....	60.00	Sonora Lumber Co.....	8.04
Klamath Lake Mill and Lumber Co.....	21.00	State Publishing Co.....	97.90
Geo. W. Knox Express Co.....	33.00	Statesman Printing Co.....	354.20
Jos. Kubbler.....	18.91	Albert Stinefeld & Co.....	35.60
Lake County Examiner.....	310.50	J. O. Stiner.....	60.00
Lander Clipper.....	21.12	Strane Bros.....	48.05
Laramie Reporter Co.....	24.09	Herbert Strane.....	42.80
E. Lauer & Sons.....	104.00	Swan Hardware and Novelty Co.....	14.00
Leadville Publishing and Printing Co.....	40.50	The Tom Sweeney Hardware Co.....	21.19
Littlefield, Alvord & Co.....	8.00	S. K. Sykie.....	33.15
Byron Lovelace.....	40.00	G. I. Taggarts.....	4.60
W. H. Lowdermilk & Co.....	49.00	James A. Taylor.....	52.96
J. L. C. McCaffrey.....	11.73	E. B. Thomas.....	160.56
A. C. McCain.....	46.00	Times-Mirror Co.....	225.25
A. R. McCarty.....	48.00	Times Publishing Co.....	10.00
John McCracken.....	60.00	Tribune Publishing Co.....	89.04
McGuffey Bros. & Co.....	2.85	Tuolumne County Water and Elec-	
McKee, Carr & Co.....	24.00	tric Co.....	94.65
Malcolm McLeod.....	120.00	Union Printing and Publishing Co.....	47.00
H. H. McNeil.....	8.00	Vancouver Columbian.....	18.75
Merchants Transfer and Steamship		O. D. Van Darwarka.....	24.00
Co.....	46.25	The Jos. Victor Co.....	81.50
Miller, Cohoon & Co.....	27.50	L. A. Ward.....	80.00
Missoula Publishing Co.....	58.40	Geo. Watterson.....	50.00
E. H. Morrissey.....	12.00	O. Fred Webber.....	180.00
Mundorf Mercantile Co.....	4.95	Welsh & Titnorth.....	9.05
Martin Myer.....	16.80	H. M. White.....	19.80
A. M. Neal.....	7.50	L. S. Whiting.....	52.14
New Mexican Printing Co.....	15.75	Wilcox & Co.....	13.00
Norton Lumber Co.....	30.00	Jack Wells.....	127.50
C. V. Oden.....	120.00	Audie Wolford.....	118.00
J. V. O. Leary.....	27.70	V. T. Wood.....	80.00
Journal Publishing Co.....	389.88	The Wyoming Press.....	16.50
Frank O'Palka.....	50.00	W. H. Yarnall.....	58.00
The Optic Co.....	5.67	H. C. Young.....	36.00

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$17,781.59.

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

FURNITURE.

Name.	Amount.	Name.	Amount.
C. T. Clearly.....	\$37.00	W. B. Moses & Sons.....	\$1,327.80
E. L. Fisher.....	25.00	C. E. Petorf.....	34.00
John T. Flinders.....	52.00	E. Pulner.....	2.50
W. Goldring.....	7.75	Geo. Salle.....	33.25
N. Goldring.....	5.50	W. L. Swayze.....	134.40
Greenwald Furniture Co.....	27.00	James A. Taylor.....	10.00
A. S. Hursh.....	30.00	Yawman and Erbe Manufacturing Co.....	3,369.00
Kasiska Furniture Co.....	47.00	Woodward & Lothrop.....	1,422.52
E. Lauer & Sons.....	74.06		

Total amount paid for furniture under above appropriation, \$6,638.78.

FREIGHT.

Barrett Hicks Co.....	\$1.10	Tuolumne County Water and Elec- trical Co.....	\$6.97
Galveston, Harrisburg and San An- tonio.....	3.76		

Total amount paid for freight under above appropriation, \$11.83.

EXPRESS.

Adams Express Co.....	\$65.36	United States Express Co.....	\$512.06
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Total amount paid for express under above appropriation, \$577.42.

TELEGRAPH.

Western Union Telegraph Co.....	\$227.18	Postal Telegraph Co.....	\$8.95
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Total amount paid for telegraph under above appropriation, \$236.13.

RENT.

H. R. Wood.....	\$12.50		
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TRAVELING EXPENSES.

Louis A. Barrett.....	\$16.15	Gifford Pinchot.....	\$34.00
Fredk. S. Breen.....	97.60	Allan R. Powers.....	32.25
James C. Brodie.....	35.75	Lorum Pratt.....	36.05
R. H. Charlton.....	198.65	Edwin C. Russell.....	37.37
James H. Clarke.....	98.60	Jasper B. Seely.....	368.90
Saml. L. Ellis.....	15.90	David B. Sheller.....	265.07
Frank A. Fenn.....	266.70	Edward A. Sherman.....	123.72
Edward H. Hareford.....	102.15	Charles H. Shinn.....	641.01
Alex. H. Hogue.....	11.70	John M. Simpson.....	39.35
Richard P. Imes.....	45.45	Willis M. Slosson.....	156.72
D. G. Kinney.....	58.85	Clinton G. Smith.....	69.35
Harold D. Langille.....	223.20	Frank R. Stewart.....	47.05
Robert C. McClure.....	54.15	Grant I. Taggart.....	61.35
Benj. F. McConnell.....	16.40	Samuel S. Terrill.....	51.30
Thomas F. Meagher, jr.....	136.40	James G. Thain.....	5.70
G. W. Milham.....	28.35	Everett B. Thomas.....	318.48
Edward F. Morrissey.....	30.51	Ira E. Todd.....	29.72
Charles S. Newhall.....	23.60	Wm. L. Veatch.....	10.40
Daniel S. Pack.....	1.75	Harrison White.....	67.15
Wm. H. Pearce.....	.50		

Total amount paid for traveling expenses under above appropriation, \$3,907.30.

Expenditures of the Bureau of Forestry, Department of Agriculture, etc.—Continued.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

Name.	Amount.	Name.	Amount.
Benj. F. Allen.....	\$21.05	Edward H. Hareford.....	\$28.15
Grenville F. Allen.....	113.05	Alex. H. Hogue.....	88.95
Adolph Aschoff.....	65.55	Richard P. Inos.....	18.20
Christian T. Balle.....	2.25	Wm. E. Jackson.....	104.00
Geo. H. Barney.....	7.30	Adolph W. Jensen.....	186.29
Louis A. Barrett.....	126.68	Zeph Jones.....	509.78
Smith C. Bartrum.....	116.15	D. G. Kinney.....	27.93
James R. Bell.....	7.05	Leon F. Kneipp.....	66.90
Adelbert M. Bliss.....	285.59	Harold D. Langille.....	109.85
Fred S. Breen.....	68.90	Balance of appropriation certified on	
Seth Bullock.....	107.25	Transfer of Forest Reserve from	
Rushton H. Charlton.....	555.32	Department of Interior to Depart-	
A. E. Cohoon.....	6.40	ment of Agriculture, February 1,	
Gilbert B. Coleman.....	96.90	1905.....	157,092.36
Archie R. Craig.....	181.41	Deficiency appropriation, March 3,	
Benj. F. Crawshaw.....	99.15	1905.....	50,000.00
Louis G. Davis.....	143.17	Total available appropriation.....	207,092.36
Cassius M. Day.....	4.55	Total expenditures under con-	
Samuel L. N. Ellis.....	148.70	solidated funds named above.....	205,858.98
Frank A. Fenn.....	125.98	Unexpended balance.....	1,233.38
Fremont N. Haines.....	344.20		
Thos. Hampton.....	105.80		
Frederick Hanson.....	119.90		

Total amount paid for station and field expenses under above appropriation, \$3,992.35.

Recapitulation of the several appropriations for the Bureau of Forestry as distributed among the following groups, and the total expenditures under each.

Statutory salaries.....	\$36,390.88
Lump-fund salaries in Washington.....	67,795.02
Lump-fund salaries outside of Washington.....	307,878.32
Stationery.....	5,408.47
Miscellaneous supplies and services, equipment, books, apparatus, machinery, and labora-	
tory materials of all kinds.....	92,904.08
Furniture.....	12,925.85
Fuel.....	197.17
Freight.....	580.60
Express.....	1,319.25
Telegraph.....	846.73
Telephone.....	664.96
Rent.....	11,028.86
Gas and electricity.....	234.90
Traveling expenses.....	95,988.49
Station and field expenses.....	4,249.82
Total for entire Bureau of Forestry.....	638,413.40
Total of all appropriations for Bureau of Forestry.....	642,232.36
Total expenditures under the above groups.....	638,413.40
Unexpended balance.....	3,818.96

PROJECTS.

The principal projects conducted by the Bureau of Forestry during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains:

Administration—Office of Forester:	
Salaries.....	\$13,623.53
Travel, and other expenses.....	3,173.83
Reserve boundaries:	
Salaries.....	25,197.21
Field, travel, and station expenses.....	23,791.21
Minnesota Forest Reserve:	
Salaries.....	8,592.51
Field, travel, and station expenses.....	5,065.06
State forest studies:	
Salaries.....	5,489.16
Field, travel, and station expenses.....	3,575.88
Silvical studies: Salaries.....	235.84
Forest law: Salaries.....	2,842.50
Editorial—publication of results:	
Salaries.....	5,383.28
Expenses.....	1,137.90
Printing—bulletins, circulars, etc.....	22,332.81
Administration—Forest measurements:	
Salaries.....	3,881.66
Travel expenses, etc.....	194.66
Forest computations: Salaries.....	15,337.67
Forest maps: Salaries.....	10,745.00

Administration—Forest management:	
Salaries.....	\$3,087.44
Travel expenses, etc.....	1,041.67
Public lands: Travel expenses.....	56.10
Commercial tree studies:	
Salaries.....	19,928.51
Field, travel, and station expenses.....	14,634.02
Working plans:	
Salaries.....	14,336.32
Field, travel, and station expenses.....	4,143.38
Administration—Dendrology:	
Salaries.....	5,840.00
Travel and other expenses.....	2,472.13
Dendrological studies:	
Salaries.....	1,452.50
Field, travel, and station expenses.....	779.65
Library, Bureau of Forestry: Salaries.....	2,480.00
Turpentine orcharding:	
Salaries.....	550.00
Field, travel, and station expenses.....	1,512.16
Administration—Forest extension:	
Salaries.....	3,116.61
Travel and other expenses.....	122.98
Cooperative planting:	
Salaries.....	10,103.00
Field, travel, and station expenses.....	9,550.86
Reserve planting:	
Salaries.....	7,462.79
Field, travel, and station expenses.....	14,031.24
Forest replacement:	
Salaries.....	4,760.94
Field, travel, and station expenses.....	4,780.03
Administration—Forest products:	
Salaries.....	5,033.34
Travel expenses, etc.....	2,712.20
Wood preservation:	
Salaries.....	15,082.48
Field, travel, and station expenses.....	7,232.22
Timber tests:	
Salaries.....	11,857.55
Field, travel, and station expenses.....	9,905.78
Dendro chemistry studies:	
Salaries.....	2,225.01
Field, travel, and station expenses.....	1,488.93
Administration—Records: Salaries.....	3,000.00
Accounts and supplies: Salaries.....	6,971.85
Files, stenography and typewriting: Salaries.....	14,951.15
Photography: Salaries.....	3,508.00
Photographic equipment.....	376.56
Photographic supplies and expenses.....	2,903.30
Quarters, messengers, etc.:	
Salaries.....	9,160.51
Rent.....	10,996.36
Office furniture.....	6,220.07
Office stationery.....	4,673.75
Miscellaneous office supplies.....	10,425.35
Field equipment.....	4,421.77
Field instruments.....	10,761.31
Telegraph.....	608.68
Telephone.....	479.06
Freight.....	364.57
Express.....	818.28
Forest reserves, administration: Salaries.....	8,761.86
Forest reserves, administrative expenses.....	1,653.48
Field and office equipment, forest reserves.....	10,776.52
Advertising, forest reserves.....	4,707.14
Forest reserves, inspection:	
Salaries.....	6,112.98
Field, travel, and station expenses.....	1,402.53
Forest reserves protection—supervisors, rangers, and guards: Salaries.....	157,634.84
Forest reserves: Field and station expenses.....	14,637.37
Forest reserves—Fires.....	208.21
Total.....	628,935.05
Paid from appropriations for 1905 as follows:	
Salaries, Bureau of Forestry.....	37,390.88
General expenses, Bureau of Forestry.....	385,629.24
Protection of forest reserves.....	205,914.93
Total.....	628,935.05

Expenditures of the Bureau of Chemistry, Department of Agriculture, for the fiscal year ended June 30, 1905.

[Appropriation, salaries, Bureau of Chemistry, 1905, \$14,800.]

STATUTORY SALARIES, TRAVELING EXPENSES, AND STATION AND FIELD EXPENSES.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
H. W. Wiley.....	Chief of Bureau.....	\$3,499.99	\$605.83	\$1,218.59	\$5,324.41
W. D. Bigelow.....	Assistant chemist.....	2,500.00	416.35	88.79	3,005.14
F. P. Veitch.....	do.....	1,800.00	94.40		1,894.40
J. Arthur Le Clerc.....	do.....	1,600.00			1,600.00
M. S. Tidd.....	Chief clerk.....	1,600.00			1,600.00
A. L. Pierce.....	Clerk class 2.....	1,399.99	59.70		1,459.69
Aida M. Doyle.....	Clerk class 1.....	1,200.00			1,200.00
Ethel Eckman.....	do.....	1,200.00			1,200.00

Total amount paid for salaries under above appropriation, \$14,799.98.

Unexpended balance, \$0.02.

[Appropriation, General expenses, Bureau of Chemistry, 1905, \$94,425.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

J. K. Haywood.....	Chief of laboratory, at \$2,250..	\$2,062.50		\$14.00	\$2,076.50
L. F. Kebler.....	do.....	2,062.50	\$155.06	22.26	2,339.82
C. C. Moore.....	Chief of laboratory, at \$2,000..	1,833.39	615.12		2,448.51
Geo. E. Patrick.....	do.....	1,827.83	22.50	14.25	1,864.58
L. S. Munson.....	Chief of laboratory, at \$1,800..	1,650.00	5.60		1,655.60
B. J. Howard.....	Chief of laboratory, at \$1,600..	1,466.70	6.00		1,472.70
T. C. Trescott.....	Assistant chemist, at \$2,000..	1,833.39			1,833.39
E. M. Chace.....	Assistant chemist, at \$1,800..	1,650.00			1,650.00
L. M. Tolman.....	do.....	1,650.00	96.10		1,746.10
Karl P. McElroy.....	Assistant chemist, at \$1,400..	349.99			349.99
F. C. Cook.....	Physiological chemist, at \$1,000	541.67			
Do.....	Physiological chemist, at \$1,200	450.00			991.67
Martin Boyle.....	Assayer, at \$1,200..	1,063.33			1,063.33
Percy H. Walker.....	do.....	300.00			
Do.....	Assayer, at \$1,400..	933.39			1,233.39
Atherton Seidell.....	Analyst, at \$1,400..	349.99			349.99
W. L. Dubois.....	Scientific assistant, at \$1,200..	1,100.00			1,100.00
B. H. Smith.....	do.....	1,100.00	6.10	6.85	1,112.95
H. J. Warner.....	do.....	1,100.00			1,100.00
F. C. Weber.....	do.....	1,150.00			1,150.00
Henry H. Hurt.....	Scientific assistant, at \$900..	75.00			75.00
C. W. Harrison.....	Scientific assistant, at \$840..	416.67			416.67
Geo. W. Hoover.....	do.....	420.00			420.00
Jno. T. Keister.....	do.....	210.00			210.00
C. W. Nelson.....	do.....	420.00			420.00
W. W. Garner.....	Scientific assistant, at \$720..	300.00			300.00
Jno. T. Keister.....	do.....	180.00			180.00
J. H. A. Schrieber.....	do.....	300.00			300.00
W. W. Garner.....	Scientific assistant, at \$600..	250.00			250.00
Chas. E. Goodrich.....	do.....	75.00			75.00
C. W. Harrison.....	do.....	250.00			250.00
Geo. W. Hoover.....	do.....	250.00			250.00
C. W. Nelson.....	do.....	250.00			250.00
Jno. H. A. Schreiber.....	do.....	250.00			250.00
Frank O. Woodruff.....	do.....	300.00			300.00
W. W. Skinner.....	Food inspection chemist, at \$1,400.	987.83			987.83
Clement S. Brinton.....	Food inspection chemist, at \$1,200.	700.00			700.00
Chas. E. Goodrich.....	Scientific aid, at \$40 per month.	220.00			220.00
Jno. T. Keister.....	Scientific aid, at \$600..	250.00			250.00
Geo. C. F. Husman.....	Viticulturist, at \$2,000..	411.11			411.11
Wm. Bailey.....	Student aid, at \$300..	125.00			125.00
Robt. M. Cory.....	do.....	225.00			225.00
Mary C. Grayson.....	do.....	162.50			162.50
Harry W. Houghton.....	do.....	138.33			138.33
Arthur Johnson.....	do.....	148.33			148.33

Expenditures of the Bureau of Chemistry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimburse- ment for station and field expenses.	
Sydney F. Sherwood	Student aid, at \$300	\$275.00			\$275.00
Jno. Williams	do	275.00			275.00
C. P. Wilson	do	275.00			275.00
J. A. Pargon	Student aid, at \$180	105.00			105.00
Robt. M. Cory	Laboratory helper, at \$480	80.00			80.00
Harry W. Houghton	Laboratory helper at \$600	272.50			272.50
Harry E. Sindall	do	118.33			118.33
F. B. Linton	Clerk, at \$1,400	1,283.39			1,283.39
J. G. Coleman	Clerk, at \$840	221.66			221.66
Stella F. Anglin	Stenographer and typewriter, at \$1,000	250.00			
Do	Stenographer and typewriter, at \$840	70.00			500.00
Do	Stenographer and typewriter, at \$720	180.00			
Laura A. Skinner	do	286.00			286.00
N. A. Parkinson	Chemical clerk, at \$1,000	916.70			916.70
Alice L. Baker	Chemical clerk, at \$840	611.33			611.33
Clara L. Carpenter	do	490.00			490.00
Mary C. Grayson	do	315.00			315.00
Earl T. Ragan	do	280.00			280.00
Wm. B. Smith	do	280.00			280.00
Alice P. Bixby	Chemical clerk, at \$720	222.00			222.00
Anne E. Draper	Library assistant, at \$900	825.00			825.00
J. E. M. Gantt	Messenger, at \$840	770.00			770.00
Jacob Strong	do	490.00			730.00
Do	Messenger, at \$720	240.00			
Ignacio Guasp	Messenger boy, at \$300	106.67			106.67
O. P. Angelo	Engineer, at \$1,200	1,100.00			1,100.00
Jno. A. Bowen	Fireman, at \$600	550.00			550.00
Jno. F. Barghausen	Carpenter, at \$3 per day	214.50			214.50
Jas. A. Cratty	Plumber, at \$4 per day	36.00			36.00
E. J. Bashford	Lineman, at \$3 per day	3.00			3.00
R. Augusterper	Electrician, at \$60 per month	20.00			20.00
Everett H. Henderson	do	66.00			66.00
Thomas Chick	Laborer, at \$720	720.00	\$156.05		876.05
M. A. Dugan	do	660.00			660.00
Martin A. Johnson	do	660.00			660.00
Grace Matthews	do	630.00			630.00
Jno. P. Devine	Laborer, at \$600	550.00			550.00
Horace Brown	Laborer, at \$45 per month	295.50			295.50
Wm. R. Carter	Laborer, at \$480	240.00			240.00
Philip S. Hunter	Emergency laborer, at \$1.50 per day	9.75			9.75
Alex. D. Johnson	do	17.25			17.25
Fredk. Meyett	Occasional laborer, at \$1.50 per day	64.50			64.50
Oscar A. Philips	do	15.00			15.00
W. C. Tilden	do	45.00			45.00
Lewis Smith	Occasional laborer, at \$1 per day	34.00			34.00
Missouri Gerard	Charwoman, at \$480	440.00			440.00
Lillian Ross	do	429.33			429.33
Lillie Ryon	do	224.00			224.00
Alice L. Madden	Cook, at \$480	100.00			100.00
Do	Cook, at \$420	175.00			175.00
Wm. R. Carter	Waiter, at \$420	140.00			165.00
Do	Waiter, at \$300	25.00			
Wm. P. Connor	Food test assistant, at \$5 per month	21.01			21.01
Claude E. McDermid	do	20.51			20.51
Murray A. Russel	do	8.50			8.50
Jas. F. Sullivan	do	19.57			19.57
C. B. Taylor	do	21.28			21.28
A. C. Wollenburg	do	21.01			21.01

Total amount paid for salaries in Washington, under above appropriation, \$48,603.74.

Expenditures of the Bureau of Chemistry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

[Outside of Washington.]

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.]	Reimburse- ment for station and field expenses.	
W. B. Alwood.....	Special agent, at \$1,200	\$1,000.00	\$73.94	\$65.00	\$1,138.94
William Frear.....	do.....	600.00	152.72		752.72
W. B. Alwood.....	Special agent, at \$600	100.00			100.00
L. H. Bailey.....	do.....	50.00			50.00
A. H. Danielson.....	do.....	50.00			50.00
R. J. Davidson.....	do.....	150.00			150.00
Perry H. Edmunds.....	do.....	50.00			50.00
Wm. Frear.....	do.....	300.00			300.00
Byron D. Halstead.....	do.....	50.00			50.00
W. J. Jones.....	do.....	50.00			50.00
B. W. Kilgore.....	do.....	50.00			50.00
W. M. Munson.....	do.....	50.00			50.00
J. S. Newman.....	do.....	50.00			50.00
H. J. Patterson.....	do.....	50.00			50.00
A. M. Peter.....	do.....	50.00			50.00
H. L. Price.....	do.....	50.00			50.00
G. W. Shaw.....	do.....	50.00			50.00
W. M. Veitch.....	do.....	50.00			50.00
F. W. Woll.....	do.....	50.00			50.00
M. N. Straughn.....	Special agent, at \$300	75.00			75.00
Robt. Wahl.....	do.....	150.00			150.00
G. W. E. Colby.....	Special agent, at \$10 per day ..	322.00			322.00
E. H. Jenkins.....	do.....	210.00	154.10		364.10
M. A. Scovell.....	do.....	160.00	132.71		292.71
H. A. Weber.....	do.....	200.00	141.95		341.95
R. E. Doolittle.....	Food inspection chemist, at \$2,000.....	1,666.65	12.10	39.07	1,717.82
Alfred W. Ogden.....	Food inspection chemist, at \$1,800.....	1,475.00			1,475.00
Edmund Clark.....	Food inspection chemist, at \$1,600.....	1,200.01			1,200.01
Ralph A. Gould.....	Food inspection chemist, at \$1,400.....	641.67		221.01	\$62.68
Albert F. Seeker.....	Scientific assistant, at \$1,400 ..	116.67			116.67
Herbert J. Holland.....	Scientific assistant, at \$840	53.67			53.67
Bertram R. White.....	Chemical clerk, at \$840	247.33	9.65		256.98
Do.....	Chemical clerk, at \$720	388.00			388.00
Do.....	Chemical clerk, at \$600	100.00			100.00
Sam Burnham.....	Messenger, at \$2 per day	12.00			12.00
Gilbert Falk.....	Student aid, at \$300	100.00			100.00
Philip Helmstetter.....	Laborer, at \$50 per month	270.00			270.00
Lawrence C. McNamara.....	Laboratory helper, at \$50 per month.....	130.00			130.00

Total amount paid for salaries outside of Washington under above appropriation, \$10,368.

STATIONERY.

Name.	Amount.	Name.	Amount.
R. P. Andrews Paper Co.....	\$6.40	D. Frank Parker.....	\$4.50
Wm. Ballantyne & Sons.....	28.63	Fred A. Schmidt.....	.58
Brentano's.....	4.00	W. L. Swayze.....	236.04
The H. C. Davison & Co.....	14.62	Union Envelope Co.....	59.07
Eberhard Faber.....	6.90	United States Envelope Co.....	9.75
The E. Morrison Paper Co.....	4.34		

Total expense for stationery under above appropriation, \$374.83.

Expenditures of the Bureau of Chemistry, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
American Automatic Disinfecting Co	\$10.80	Frank Hume	\$42.30
American Distillery Co.	1.00	Edw. Hurdle	26.90
American Type Founders Co.	50.68	Improved Mailing Case Co.	8.25
Arbuckle Bros.	21.00	Jackson Phillips Brick Co.	6.30
Baker and Adamson Chemical Co.	75.03	Chas. H. Javins & Sons.	38.94
Barber & Ross	8.47	Ira H. Jewell	16.00
E. L. Barclay	15.00	Jordan-Stabler Co.	3.50
Batavia Preserving Co.	20.40	A. F. Jorss	84.80
Bausch & Lomb Optical Co.	1,464.58	Justinian Caire Co.	390.39
Christian Becker	905.00	S. Kann Sons & Co.	28.10
H. C. Bell	10.45	E. T. Kauffman	6.25
J. Bishop & Co.	5,524.61	Kesby & Mattison	5.82
Wm. H. Bishop	4.87	Kellogg Switchboard Co.	10.65
Geo. F. Blake Manufacturing Co.	38.50	T. R. Kemble	48.25
C. S. Braided	2.94	K. Kemper, jr.	4.50
The F. W. Braun Co.	23.96	Keuffel & Esser	1.60
C. D. Brenner	12.68	L. E. Knott Apparatus Co.	4.85
R. C. M. Burton & Son	11.65	A. I. Koernicke	8.55
Jos. Campbell Preserve Co.	50.60	W. M. Kraft	15.45
Capital Traction Co.	30.00	Laboratory School and Supply Co.	9.20
Fred. Carl	7.00	Lake Ontario Wine Co.	4.80
J. H. Carl	61.66	Jas. B. Lambie	35.56
Church & Stephenson	100.80	Landers, Frary & Clark	1.40
The E. B. Clark Co.	2.70	Lansburgh & Bro.	3.00
P. A. Clark	10.00	M. A. Lease	1.45
The R. P. Clark Co.	93.56	Geo. W. Lieberth	6.00
T. Edw. Clark	4.00	The M. Lindsay Rubber Co.	19.43
Columbia Photographic Supply Co.	29.50	R. N. Locke	.85
Columbia Sand Co.	2.10	Loughlin & Co.	1.65
Columbia Wine Co.	4.15	Jno. Lucas & Co.	25.20
Elwood Cooper	20.35	F. Erwin Ludwig	5.00
P. Corcoran & Sons	25.00	Jno. C. Lynch	21.85
G. G. Cornwell & Son	95.51	Jno. E. McCall	.70
Crane & Co.	21.33	W. K. McCausland	47.50
Cyrus Currier & Sons	869.85	E. R. McDorman	.40
Curtice Bros.	213.42	Mackall Bros.	5,221.92
Delano & Moore	24.70	Magnus & Lauer	96.25
Densmore Typewriter Co.	81.50	Mahoneyville Distillery Co.	3.72
Dinsmore & Singleton	4.50	Manhattan Electrical Supply Co.	7.75
Dodge & Olcott Co.	11.96	Manning, Maxwell & Moore	2.50
Doremus Machine Co.	2.25	Isaac Mansbach & Co.	1.65
Dulin & Martin Co.	8.30	The Mathy Co.	185.75
M. Du Perow	33.27	F. P. May & Co.	1.47
Danl. T. Dyer	3.80	The Geo. Meier Co.	3.00
Wm. H. Dyer	9.00	L. P. Menchine	95.00
Eimer & Amend	654.33	Merck & Co.	50.59
Jas. R. Emmitt	3.00	Chas. E. Miller & Bro.	2.40
Geo. T. Ennis	2.50	Francis Miller	17.91
The J. C. Ergood Co.	36.64	J. L. Mott Iron Work	14.40
J. B. Espey	8.75	E. J. Murphy & Co.	1.20
Jno. C. Eutukin	3.25	Geo. F. Muth & Co.	29.05
Eureka Rubber Manufacturing Co.	7.50	National Distilling Co.	7.25
H. C. Evans	4.28	National Electrical Supply Co.	48.61
The Fairbanks Co.	34.75	National Mortar Co.	7.00
J. W. Fawcett	3.80	J. P. Nawrath	6.76
The Geo. D. Feidt & Co.	374.41	Neversink Distilling Co.	1.83
J. W. M. Field	1.00	New York Consolidated Dieing Co.	105.00
Jas. La Fontaine	27.96	Norbert Wolf & Son	9.60
Forsberg & Murray	5.25	Okonite Co.	15.30
Raymond R. Frazier	11.72	Oriental Warehouse Co.	5.24
A. Fries & Bro.	233.40	D. Wm. Oyster	218.34
Fritzsche Bros.	37.50	Hugh Pitcairn	11.84
Z. D. Gilman	125.42	Porto Rico Coffee Agency	15.68
Philip Godley	2.75	E. J. Pullman	40.27
Great Bear Spring Co.	28.00	J. H. Race	4.50
Henry J. Green	40.00	Jno. Ranser	3.55
The Emil Greiner Co.	1,400.37	Randolph Paper Box Co.	17.70
Hammond Typewriter Co.	.35	Redlich Manufacturing Co.	10.12
Walter Hansing	1.36	Hugh Reilly	1.78
G. F. O. Hanson	18.40	Remington Typewriter Co.	117.10
Harris & Shafer Co.	8.00	Rex Sanitary Appliance Co.	4.80
Louis Hartig	3.38	I. P. Roosa	1.00
The Henry Heil Chemical Co.	7.80	H. Rosenberg & Co.	3.50
Highspire Distillery Co.	3.88	Rudolph West & Co.	105.36
M. F. Hobson	15.00	Auguste Sandoz	131.65
Henry Holt & Co.	3.00	E. H. Sargent & Co.	5.00
Hoover & Denham	542.89	E. G. Schafer & Co.	39.50
G. F. Hueblein & Bro.	1.50	Alex Schmidt	5.00

Expenditures of the Bureau of Chemistry, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
The P. B. Sexton Co.....	\$6.95	Thomas & Ryon Co.....	\$60.00
Sharpe & Dohme.....	32.05	J. S. Thompson.....	266.37
G. W. Sheldon & Co.....	2.85	Tolman Laundry.....	17.99
Simplex Electrical Heating Co.....	30.00	Torsion Balance Co.....	54.80
The P. H. Sinsz Co.....	1.50	Underwood Typewriter Co.....	107.64
H. M. Smith.....	1.74	United States Navy Department.....	207.45
Smith Premier Typewriter Co.....	169.00	Waken & McLaughlin.....	12.85
Thomas Somerville & Sons.....	515.95	J. T. Walker Sons.....	1.50
Southern Printers' Supply Co.....	79.46	A. L. Webb & Sons Branch.....	332.35
Spencer Lens Co.....	533.60	Westinghouse Airbrake Co.....	115.95
Sprague, Warner & Co.....	20.00	Whitall Tatum Co.....	864.94
E. R. Squibb & Sons.....	9.82	Fred C. White.....	29.40
Standard Colorimeter Co.....	20.00	Warren M. Whyte.....	1.00
Standard Distilling and Distributing Co.....	.60	Wickline & Campbell.....	55.00
Standard Oil Co.....	42.92	Wilmot Castle Co.....	2.50
D. R. Stansbury.....	22.00	Mrs. A. A. Winfield.....	212.04
B. F. Starr & Co.....	2.13	Woodward & Lothrop.....	119.13
G. E. Stechert.....	4.50	John Wyllie.....	64.56
The Sunland Orchard Co.....	51.90	Chr. Xander.....	41.85
The A. H. Thomas Co.....	360.99	Zanesville Stoneware Co.....	2.40

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$25,765.48.

FURNITURE.

Doten Dunton Desk Co.....	\$27.50	Library Bureau.....	\$114.80
The G. H. Fuller Desk Co.....	72.50	W. B. Moses & Sons.....	50.20
Holbrook, Merrill & Stetson.....	16.47	Nelson Refrigerator Co.....	40.00
The J. Lansburg Furniture and Carpet Co.....	12.30	Yawman & Erbe Manufacturing Co..	215.74

Total amount paid for furniture under the above appropriation. \$549.51.

FREIGHT.

Baltimore and Ohio Railroad Co.....	\$23.38	Littlefield, Alvord & Co.....	\$13.58
Blue Line Transfer Co.....	.75	Merchants Transfer and Storage Co..	3.45
Denver and Rio Grande Railroad.....	116.22	Pennsylvania Railroad Co.....	2.54
The G. W. Knox Express Co.....	96.09	Southern Pacific Co.....	39.49

Total amount paid for freight under above appropriation, \$295.50.

EXPRESS.

Adams Express Co.....	\$586.48	Wells-Fargo Express Co.....	\$7.75
United States Express Co.....	156.31		

Total amount paid for express under above appropriation, \$750.54.

TELEGRAPH.

Postal Telegraph Cable Co.....	\$8.77	Western Union Telegraph Co.....	\$31.49
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Total amount paid for telegraph under above appropriation, \$40.26.

TELEPHONE.

Chesapeake and Potomac Telephone Co.....	\$47.07		
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Total amount paid for telephone under above appropriation, \$47.07.

RENT.

S. J. Beveridge.....	\$300.00	J. H. Johnson & Son.....	\$2,499.96
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Total amount paid for rent under above appropriation, \$2,799.96.

Expenditures of the Bureau of Chemistry, Department of Agriculture, etc.—Continued.

GAS AND ELECTRICITY.

Name.	Amount.	Name.	Amount.
Potomac Electric Power Co.....	\$244.72	Washington Gas Light Co.....	\$529.50
San Francisco Gas and Electric Co...	11.50		

Total amount paid for gas and electricity under above appropriation, \$785.72.

TRAVELING EXPENSES.

W. B. Alwood.....	\$73.94	L. S. Munson.....	\$5.60
W. D. Bigelow.....	416.35	A. L. Pierce.....	59.70
A. S. Cushman.....	6.85	M. A. Scovell.....	132.71
R. E. Doolittle.....	12.10	B. H. Smith.....	6.10
Wm. Frear.....	152.72	L. M. Tolman.....	96.10
B. J. Howard.....	6.00	F. P. Veitch.....	94.40
E. H. Jenkins.....	154.10	H. A. Weber.....	141.95
L. F. Kebler.....	155.06	J. W. Wheatley.....	293.25
Geo. P. McCabe.....	7.70	Bertram R. White.....	9.65
C. C. Moore.....	57.10	H. W. Wiley.....	226.19

Total amount paid for traveling expenses under above appropriation, \$2,107.57.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

W. B. Alwood.....	\$65.00	L. F. Kebler.....	\$22.26
R. E. Doolittle.....	39.07	B. H. Smith.....	6.85
R. A. Gould.....	221.00	H. W. Wiley.....	324.76

Total amount paid for station and field expenses under above appropriation, \$678.94.

Total appropriation for laboratory, including \$15,000 for table sirup, was.....	\$105,000.00
Total of the several groups under the above appropriation.....	93,167.12
Total of the several groups under table sirup.....	10,560.50
Total.....	103,727.62
Unexpected balance, \$1,272.38.	

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
Cyrus Currier & Sons.....	Boiler.....	\$850.00

[Appropriation: General expenses, Bureau of Chemistry, 1905 (table sirup investigations), \$10,575.]

LUMP FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Arthur Given.....	Scientific assistant, at \$1,200...	\$1,100.00	\$162.91	\$101.26	\$1,364.17
Calvin G. Church.....	Scientific assistant, at \$960....	480.00			
Do.....	Scientific assistant, at \$840....	399.00			
Do.....	Scientific assistant, at \$720....	18.00			\$97.00
G. L. Spencer.....	Special agent, at \$7 per day....	119.00	96.06		215.06

Total amount paid for salaries in Washington under above appropriation, \$2,116.

Expenditures of the Bureau of Chemistry, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

[Outside of Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Geo. R. Youmans.....	Special agent, at \$1,200.....	\$300.00	-----	-----	\$300.00
W. B. Roddenberry...	Special agent, at \$600.....	250.00	-----	\$80.84	330.84
James M. Young.....	Watchman, at \$540.....	450.00	-----	-----	450.00

Total amount paid for salaries outside of Washington under above appropriation, \$1,000.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
F. C. Blackmer.....	\$4,084.94	Mackall Brothers.....	\$8.75
Blymyer Ironworks Co.....	370.80	Jos. Oat & Sons.....	395.00
J. B. Espey.....	14.75	The Geo. L. Squier Mfg. Co.....	67.00
Hartfelder Garbutt Co.....	254.76	J. S. Schofields & Sons Co.....	1,509.50
Melvin H. Hopwood.....	3.50	Edward Wilson.....	30.00
The Jas. B. Lambie Co.....	1.16		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$6,740.16.

FURNITURE.

W. B. Moses & Sons.....	\$176.66		
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FREIGHT.

The G. W. Knox Express Co.....	\$4.50	Washington Southern Rwy. Co.....	\$2.98
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Total amount paid for freight under above appropriation, \$7.48.

GAS AND ELECTRICITY.

Waycross Electric Light Co.....	\$132.61		
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TRAVELING EXPENSES.

Thomas Chick.....	\$156.05	H. W. Wiley.....	\$54.64
G. L. Spencer.....	96.06		

Total amount paid for traveling expenses under above appropriation, \$306.75.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

W. B. Roddenberry.....	\$80.84		
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Total of the several groups under the above appropriation, \$10,560.50.

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
F. C. Blackmer.....	Building alterations.....	\$4,084.94
J. S. Schofield & Sons.....	2 boilers.....	1,504.00
Waycross Electric Light and Power Co.....	Electrical wiring and current.....	850.00

Expenditures of the Bureau of Chemistry, Department of Agriculture, etc.—Continued.

[Appropriation: General expenses Bureau of Chemistry, 1904 and 1905 (table sirup investigations), \$4,425.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Arthur Given.....	Scientific assistant, at \$1,060 ..	\$267. 60	.....	.....	\$267. 60
Calvin G. Church.....	Scientific assistant, at \$720	120. 70	.....	.....	120. 70

Total amount paid for salaries in Washington under above appropriation, \$388.30.

[Outside of Washington.]

Geo. R. Youmans.....	Special agent, at \$1,200.....	\$700. 00	.....	.....	\$700. 00
W. B. Roddenberry....	Special agent, at \$600.....	250. 00	.....	.....	250. 00
Jas. M. Young.....	Watchman, at \$540.....	70. 50	.....	.....	70. 50
E. C. Hall.....	Laborer, at \$540.....	100. 79	.....	.....	100. 79

Total amount paid for salaries outside of Washington under above appropriation, \$1,121.29.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
American Sugar Refining Co.....	\$4. 80	The Metropolis.....	\$2. 55
Blymyer Iron Works Co.....	25. 00	Morning News.....	4. 80
W. E. Caldwell Co.....	456. 00	News and Courier Co.....	3. 06
Constitution Publishing Co.....	2. 80	W. F. Paddon, jr.....	26. 15
J. H. Edwards.....	2. 00	Remington Typewriter Co.....	15. 60
Elmer & Amend.....	32. 00	E. G. Schafer & Co.....	144. 43
J. H. Gillon Machine Co.....	205. 05	The Geo. L. Squirer Manufacturing Co.....	141. 00
Evening Star.....	2. 10	Thos. Somerville & Sons.....	68. 70
P. N. Harley Hardware Co.....	20. 70	Edw. B. Stimpson & Son.....	8. 50
Hartfelder Garbutt Co.....	14. 14	South Atlantic Car and Manufacturing Co.....	202. 95
Keasby & Mattison.....	115. 56	Watt Hardware Co.....	181. 82
H. H. Keene.....	48. 00		
Link Belt Engineering Co.....	53. 66		
Manning, Maxwell & Moore.....	58. 20		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$1,839.57.

TRAVELING EXPENSES.

Arthur Given.....	\$162. 91		
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STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

Arthur Given.....	\$101. 26	H. W. Wiley.....	\$797. 21
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Total amount paid for station and field expenses under above appropriation, \$898.47.

Total of several groups under above appropriation, \$4,410.54.

Expenditures of the Bureau of Chemistry, Department of Agriculture, etc.—Continued.

[Appropriation: General expenses, Bureau of Chemistry, 1904, and 1905, \$10,575.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
J. K. Haywood.....	Chief of laboratory, at \$2,250..	\$187.50			\$187.50
L. F. Kebler.....	do.....	187.50			187.50
C. C. Moore.....	Chief of laboratory, at \$2,000..	166.60			166.60
Geo. E. Patrick.....	do.....	166.60			166.60
L. S. Munson.....	Chief of laboratory, at \$1,800..	150.00			150.00
B. J. Howard.....	Chief of laboratory, at \$1,600..	133.30			133.30
T. C. Trescott.....	Assistant chemist, at \$2,000..	166.60			166.60
E. M. Chace.....	Assistant chemist, at \$1,800..	150.00			150.00
L. M. Tolman.....	do.....	150.00			150.00
F. C. Cook.....	Physiological chemist, at \$1,000	83.30			83.30
Percy H. Walker.....	Assayer, at \$1,400.....	116.60			116.60
Martin Boyle.....	Assayer, at \$1,200.....	100.00			100.00
W. L. Dubois.....	Scientific assistant, at \$1,200..	100.00			100.00
B. H. Smith.....	do.....	100.00			100.00
H. J. Warner.....	do.....	100.00			100.00
F. C. Weber.....	do.....	50.00			50.00
W. W. Garner.....	Scientific assistant, at \$600.....	50.00			50.00
C. W. Harrison.....	do.....	50.00			50.00
G. W. Hoover.....	do.....	50.00			50.00
Jno. T. Keister.....	do.....	50.00			50.00
C. W. Nelson.....	do.....	50.00			50.00
J. H. A. Schrelber.....	do.....	50.00			50.00
W. W. Skinner.....	Food inspection chemist, at \$1,400.	116.60			116.60
Clement S. Brinton.....	Food inspection chemist, at \$1,200.	73.33			73.33
Chas. E. Goodrich.....	Scientific aid, at \$480.....	20.00			20.00
R. M. Cory.....	Student aid, at \$300.....	25.00			25.00
M. A. Grayson.....	do.....	25.00			25.00
Harry W. Houghton.....	do.....	25.00			25.00
Arthur Johnson.....	do.....	25.00			25.00
S. F. Sherwood.....	do.....	25.00			25.00
Jno. Williams.....	do.....	25.00			25.00
C. P. Wilson.....	do.....	25.00			25.00
F. B. Linton.....	Clerk, at \$1,400.....	116.60			116.60
Anne E. Draper.....	Library assistant, at \$900.....	75.00			75.00
N. A. Parkinson.....	Chemical clerk, at \$1,000.....	83.30			83.30
Alice L. Baker.....	Chemical clerk, at \$840.....	70.00			70.00
C. L. Carpenter.....	do.....	70.00			70.00
A. P. Bixby.....	Chemical clerk, at \$720.....	60.00			60.00
J. E. M. Gantt.....	Messenger, at \$840.....	70.00			70.00
Jacob Strong.....	do.....	70.00			70.00
O. P. Angelo.....	Engineer, at \$1,200.....	100.00			100.00
J. A. Bowen.....	Fireman, at \$600.....	50.00			50.00
M. A. Dugan.....	Laborer, at \$720.....	60.00			60.00
Martin A. Johnson.....	do.....	60.00			60.00
Grace Matthews.....	do.....	60.00			60.00
Jno. P. Divine.....	Laborer, at \$600.....	50.00			50.00
M. Gerard.....	Charwoman, at \$480.....	40.00			40.00
Lillian Ross.....	do.....	40.00			40.00
Alice L. Madden.....	Cook, at \$420.....	26.83			26.83
Wm. R. Carter.....	Waiter, at \$420.....	35.00			35.00

Total amount paid for salaries in Washington under above appropriation, \$3,929.66.

STATIONERY.

Name.	Amount.	Name.	Amount.
The R. P. Andrews Paper Co.....	\$2.40	D. Frank Parker.....	\$16.14
R. Carter Ballantyne.....	21.58	S. L. Reinhardt.....	.68
H. C. Davison & Co.....	14.62	W. L. Swayze.....	50.26
E. Faber.....	18.23	D. A. Tower.....	.52
Lamb & Tilden.....	1.72	Union Envelope Co.....	13.19
Old Dominion Paper Co.....	8.89		

Total amount paid for stationery under above appropriation, \$148.23.

*Expenditures of the Bureau of Chemistry, Department of Agriculture, etc.—Continued.*MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS

Name.	Amount.	Name.	Amount.
J. Agostini.....	\$15.34	F. P. May & Co.....	\$1.30
American Name Plate Co.....	80.50	Merck & Co.....	20.00
American Type Founders Co.....	16.06	Middendorf & Rohrs.....	.49
American Writing Machine Co.....	9.50	Jno. Miller & Co.....	2.58
C. H. Arnold & Co.....	14.15	Francis Miller.....	1.30
Austin, Nichols & Co.....	40.37	Mineralized Rubber Co.....	2.31
Baker & Adamson Co.....	2.40	E. La Montague.....	39.63
F. de Bary & Co.....	23.00	Moos & Co.....	15.95
Barber & Ross.....	2.95	G. F. Muth & Co.....	1.70
Batjer & Co.....	9.29	National Electric Supply Co.....	1.00
Bausch & Lomb Optical Co.....	774.67	C. S. Netter.....	1.20
L. Bazet.....	1.05	G. S. Nicholas.....	41.42
C. Becker.....	500.00	Park & Tilford.....	23.71
J. C. Bernhardt's Sons.....	4.76	J. C. Parker.....	2.35
Ernest Betz.....	20.00	Pascal, Dubedet & Co.....	5.32
W. Bixby & Co.....	1.12	Geo. A. Paturrel.....	4.82
Oct. C. Blache & Co.....	4.00	Jos. R. Peebles's Sons Co.....	3.76
Boston Gear Works.....	7.80	F. B. Peterson & Co.....	.29
The P. Taylor Brown Co.....	3.43	S. S. Pierce & Co.....	16.66
Francisco Campana.....	1.75	Queen & Co.....	106.12
Capital Traction Co.....	5.00	F. A. Reichard.....	2.05
Castruccio Amistoy Co.....	1.60	Hugh Reilly.....	3.50
The Geo. W. Caswell Co.....	1.23	Renaud & Neiderstadt.....	4.26
Chesapeake Glass Co.....	19.00	Reiss & Brady.....	36.04
Church & Stephenson.....	12.89	Reuben Ring & Co.....	2.05
C. L. Cumming.....	1.00	Jno. Rothschilds & Co.....	4.47
Delano & Moore.....	4.95	Rudolph, West & Co.....	15.60
R. U. Delapenha.....	29.64	E. G. Schafer & Co.....	5.70
Chas. Denery.....	4.68	Theo. N. Schaeffer.....	8.00
Dulin & Martin.....	1.80	Schieffelin & Co.....	5.00
M. Du Perow.....	1.85	W. H. Schimpperman & Co.....	.70
Eimer & Amend.....	128.80	C. F. Schmidt & Peters.....	27.23
Jas. Elliott & Co.....	55.00	Edw. S. Schmidt.....	7.20
Evening Star.....	1.65	Herman Schmidt.....	1.71
J. B. Espey.....	1.00	Otto Schmidt Wine Co.....	.87
Geo. D. Feidt & Co.....	33.31	E. W. Shipper.....	.42
S. J. Frank.....	10.85	B. H. Shoemaker.....	2.00
Geo. F. Fritch.....	5.00	Simplex Electric Heating Co.....	9.60
Z. D. Gilman.....	219.34	Arnett G. Smith.....	2.00
Godillot & Co.....	12.81	L. E. Smoot.....	2.10
Goldberg, Bowen & Co.....	7.83	Thos. Somerville & Sons.....	263.77
Chas. Graef & Co.....	3.70	Standard Oil Co.....	12.77
Henry J. Green.....	5.00	Wm. Taylor & Co.....	2.50
The Emil Greiner Co.....	345.15	The A. H. Thomas Co.....	178.72
Hartman, Goldsmith & Co.....	13.35	The Washington Times.....	1.95
Hauselt & Limeschloss.....	1.52	Torsion Balance Co.....	2.56
E. C. Hazard & Co.....	4.61	Trow Directory P. and B. Co.....	7.50
Henry Heil Chemical Co.....	75.06	A. Vignier Co.....	9.62
J. M. Holland.....	1.00	Von Bremen MacMonnies Co.....	32.37
Holtz & Freystedt Co.....	2.00	Jno. Wagner & Sons.....	2.50
The H. W. Huguley Co.....	2.00	Wilber & Lea.....	3.52
Hygienic Soap Granulator Co.....	4.00	O. T. Waring.....	35.46
Adolph Johnke.....	1.64	Warldorf Importation Co.....	8.01
H. Jevne Co.....	17.90	A. L. Webb & Sons Branch.....	72.68
W. H. Jones & Co.....	2.00	Emil Wellauer.....	8.50
Justinian Caire Co.....	8.85	Westinghouse Airbrake Co.....	20.78
Herman Kienzler.....	1.09	Whitall Tatum Co.....	34.06
La Manna Azema & Farnan.....	10.21	Fred C. White.....	18.00
The Jas. B. Lambie Co.....	27.90	Wickline & Campbell.....	16.00
F. H. Leggett & Co.....	20.98	Julius Wile, Sons & Co.....	22.11
Clarence Lion.....	2.86	Mrs. A. A. Winfield.....	2.50
Mackall Bros.....	1,640.29	Wood, Pollard & Co.....	3.78
E. Machlett & Son.....	24.92	Wood & Selick.....	3.36
Mallinckrodt Chemical Works.....	5.45	Woodward & Lothrop.....	17.35
Mathy Co.....	67.45	Woodward, Wight & Co.....	2.63

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$5,595.71.

Expenditures of the Bureau of Chemistry, Department of Agriculture, etc.—Continued.

FURNITURE.

Name.	Amount.	Name.	Amount.
J. Lansburgh Furniture and Carpet Co.....	\$10.75	W. B. Moses & Sons	\$2.40
Library Bureau.....	48.50	Yawman & Erbe Manufacturing Co....	32.50

Total amount paid for furniture under above appropriation, \$94.15.

TRAVELING EXPENSES.

H. W. Wiley:.....	\$325.00		
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STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

W. D. Bigelow.....	\$88.79	Geo. E. Patrick.....	\$14.25
J. K. Haywood.....	14.00	H. W. Wiley.....	96.62

Total amount paid for station and field expenses under above appropriation, \$213.66.

Total of groups under the appropriation for general expenses 1904-5..... \$10,306.41

Total of groups under the appropriation for table sirup investigations 1904-5..... 4,410.54

Total..... 14,716.95

Total amount of appropriation..... \$15,000.00

Total amount expended under several groups..... 14,716.95

Unexpended balance 283.05

[Appropriation: General expenses, Bureau of Chemistry, 1905 (road material investigations) \$15,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
L. W. Page	Engineer	\$2,500.00	\$117.75		\$2,617.75
Philip L. Wormley	Assistant engineer.....	1,500.00			1,500.00
A. S. Cushman	Chemist, at \$2,250	1,406.25			
Do.....	Chemist, at \$2,000	249.93	75.80		1,731.98
E. C. E. Lord.....	Petrographer, at \$1,200	1,100.00			
Do.....	Petrographer, at \$1,000	83.30			1,183.30
Robt. W. Ayres.....	Forest assistant, at \$1,000.....	500.00			500.00
W. C. Burnett.....	Assistant, at \$1,000.....	583.30			583.30
Prevost Hubbard.....	do.....	416.70			416.70
W. J. Jordan.....	Assistant, at \$900	300.00			300.00
L. E. Sadd.....	Laboratory assistant, at \$720	450.00			450.00
Do.....	Laboratory assistant, at \$600	225.00			225.00
Geo. de Geofroy	Expert, at \$10 per month.....	16.00			16.00
A. E. Loder.....	Civil engineer student, at \$600.....	390.00			390.00
Wm. Grant.....	Student assistant.....	300.00			300.00
Stella F. Anglin.....	Stenographer and typewriter, at \$600.....	200.00			200.00
F. H. Schloer.....	Machinist.....	1,200.00			1,200.00
M. L. Dallas.....	Laborer, at \$720	652.00			652.00
Sam. M. Watson.....	Laborer, at \$600	150.00			150.00
Do.....	Laborer, at \$420	70.00			70.00
J. T. Barghausen.....	Carpenter, at \$3 per day.....	6.00			6.00

Total amount paid for salaries in Washington under above appropriation, \$12,298.48.

Expenditures of the Bureau of Chemistry, Department of Agriculture, etc.—Continued.

STATIONERY.

Name.	Amount.	Name.	Amount.
Keuffel & Esser Co.....	\$4.32	Fred A. Schmidt.....	\$1.00
E. Morrison Paper Co.....	4.00		

Total amount paid for stationery under above appropriation, \$9.32.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Abbe Engineering Co.....	\$230.50	Hisey Wilt Machine Co.....	\$40.00
H. Baumgarten.....	1.25	E. E. Howell.....	3.50
Bausch & Lomb Optical Co.....	7.70	A. F. Jorss.....	5.60
Jas. G. Biddle.....	26.50	Wm. Krafft.....	2.15
J. Bishop & Co.....	65.10	Laboratory and School Supply Co...	94.00
Boston Gear Works.....	9.79	The Jas. B. Lambie Co.....	20.93
Buffalo Dental Manufacturing Co...	99.50	Levant Emery Co.....	6.70
Church & Stephenson.....	9.12	Library Bureau.....	4.00
J. Ross Collins.....	13.90	Mackall Bros.....	.50
Cranford Paving Co.....	15.30	Maryland Silicate Mills.....	8.60
Crosby Steam Gauge and Valve Co...	5.00	Francis Miller.....	.65
Cumberland Steel Co.....	7.71	Geo. F. Muth & Co.....	6.45
Doremus Machine Co.....	7.50	National Electric Supply Co.....	9.89
M. Duperow.....	17.32	United States Navy Department.....	428.70
Eimer & Amend.....	.90	New York Testing Laboratory.....	11.00
Jno. B. Espey.....	4.32	Pratt & Whitney Co.....	6.90
Eureka Rubber Manufacturing Co...	4.13	Hugh Reilly.....	.70
Fairbanks Co.....	6.00	Rudolph, West & Co.....	62.04
Finius Olsen & Co.....	440.00	Sandusky Portland Cement Co.....	4.80
W. T. Gallier.....	1.68	C. A. Schneiders Sons.....	9.00
Z. D. Gilman.....	1.35	Scientific Shop.....	15.00
Golding Sons Co.....	11.60	R. Seebach.....	25.00
Goodell Pratt Co.....	20.00	Shelby Steel Tube Co.....	8.19
Andrew B. Graham.....	345.00	L. E. Smoot.....	7.45
Emil Greiner.....	3.50	Vermont Marble Co.....	28.00
Grove Lime and Coal Co.....	1.65	Weston Electric Instrument Co.....	54.50
Jno. J. Hahn.....	26.31	Whitall Tatam Co.....	19.80
Hammond Typewriter Co.....	8.75	Warren M. Whyte.....	10.00
Louis Hartig.....	1.17	C. M. Wolf & Co.....	1.53

Total amount paid for miscellaneous supplies, etc., kinds under above appropriation, \$2,288.13.

FURNITURE.

W. B. Moses & Sons.....	\$25.00	Woodward & Lothrop.....	\$62.50
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Total amount paid for furniture under above appropriation, \$87.50.

FREIGHT.

Blue Line Transfer Co.....	\$0.50	Littlefield, Alvord & Co.....	\$6.02
G. W. Knox Express Co.....	3.17	Washington Southern Railway Co...	.37

Total expenses for freight under above appropriation, \$10.06.

TRAVELING EXPENSES.

A. S. Cushman.....	\$68.95	L. W. Page.....	\$40.55
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Total amount paid for traveling expenses under above appropriation, \$109.50.

Total of the several groups under the above appropriation, \$14,802.99.

Unexpended balance, \$197.01.

Recapitulation of the several appropriations for the Bureau of Chemistry, as distributed among the following groups, and the total expenditures under each.

Statutory salaries.....	\$14,799.98
Lump-fund salaries in Washington.....	67,336.18
Lump-fund salaries outside of Washington.....	12,489.29
Stationery.....	532.38
Miscellaneous supplies and services, equipment, books, apparatus, machinery, and laboratory materials of all kinds.....	42,229.05
Furniture.....	907.82
Freight.....	313.04
Express.....	750.54
Telegraph.....	40.26
Telephone.....	47.07
Rent.....	2,799.96
Gas and electricity.....	918.33
Traveling expenses.....	3,011.73
Station and field expenses.....	1,871.91
Total for entire Bureau of Chemistry.....	148,047.54
Total amount of appropriations.....	149,800.00
Total expenditures under several groups.....	148,047.54
Unexpended balance.....	1,752.46

PROJECTS.

The principal projects conducted by the Bureau of Chemistry during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

Food investigations and enforcing imported food law:	
Washington Laboratory.....	\$25,548.32
New York Laboratory.....	10,413.38
San Francisco Laboratory.....	2,893.97
Drug investigations.....	6,035.32
Micro-chemical investigations.....	3,240.00
Leather and paper investigations.....	2,939.40
Insecticide and water investigations.....	9,174.39
Nitrogen investigations.....	3,398.00
Cereal investigations.....	3,063.27
Dairy investigations.....	4,151.25
Plant analysis investigations.....	4,194.10
Sugar investigations.....	1,716.62
Contracts' investigations.....	7,505.60
Hygienic table experiment.....	3,324.86
Food standard's committee.....	2,222.57
Cider and vinegar investigations.....	1,489.43
Office expenses.....	16,775.43
Engine room, machinery, and plumbing.....	6,281.95
Miscellaneous.....	3,905.65
Table sirup investigations.....	14,971.04
Road material tests.....	14,802.99
Total.....	148,047.54

Expenditures of the Bureau of Soils, Department of Agriculture, for the fiscal year ended June 30, 1905.

[Appropriation: Salaries, Bureau of Soils, 1905, \$44,680.]

STATUTORY SALARIES, TRAVELING EXPENSES, AND STATION AND FIELD EXPENSES.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
Milton Whitney.....	Chief of Bureau.....	\$3,499.99	\$199.20	.....	\$3,699.19
C. W. Dorsey.....	Scientist.....	2,500.01	1,008.31	\$267.60	3,775.92
G. H. Failyer.....	do.....	1,999.99	.....	.....	.....
A. G. Rice.....	Chief clerk.....	1,999.99	.....	5.72	2,005.71
W. H. Heileman.....	Scientist, at \$1,800.....	1,540.00	1,076.20	70.65	2,616.20
C. H. Seaton.....	do.....	225.00	.....	.....	.....
Oswald Schreiner.....	do.....	1,800.00	.....	.....	.....
Edgar Buckingham.....	Scientist, at \$1,600.....	1,600.00	.....	.....	.....
G. N. Coffey.....	do.....	1,200.00	266.70	.....	1,466.70
C. A. Jensen.....	do.....	400.00	333.10	.....	733.10

Expenditures of the Bureau of Soils, Department of Agriculture, etc.—Continued.

STATUTORY SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimburse- ment for station and field expenses.	
J. F. Breazeale	Scientist, at \$1,400.....	\$1,049.94	\$26.65		\$1,076.59
G. N. Coffey	do.....	350.00			
Frank Bennett	do.....	1,166.80	521.50		1,688.30
W. G. Smith	do.....	233.33	1,480.28		1,713.61
Frank Bennett	Scientist, at \$1,200.....	200.00			
B. E. Brown	do.....	950.00	10.92		960.92
J. C. Hogenson	do.....	900.00	43.89	\$10.25	954.14
A. G. McCall	do.....	250.00	105.20		355.20
J. C. Brooke	Scientist, at \$1,000	791.67			
B. E. Brown	do.....	208.27			
C. C. Scott	Stenographer.....	1,200.00			
C. A. Drake	Clerk class 3.....	1,600.00			
G. W. Baumann	Clerk class 2.....	1,399.99			
J. H. Barnes	do.....	1,400.13			
A. W. Smith	do.....	1,399.99			
G. C. Hale	Clerk class 1.....	100.00			
P. R. Hindman	do.....	1,100.00			
G. B. King	do.....	86.67			
G. B. McGinty	do.....	1,140.00			
D. A. Plumly	do.....	60.00			
V. B. Newton	do.....	1,200.00			
J. W. Nelson	do.....	83.34			
Janette Stewart	do.....	1,116.66			
H. Winkelmann	do.....	1,200.00			
Ludwika Wieser	Draftsman.....	1,200.00			
A. J. Briscoe	do.....	1,000.00			
F. M. J. Greene	Clerk, at \$1,000	583.30			
T. B. Weir	do.....	416.70			
G. C. Hale	do.....	816.63			
L. A. Hurst	do.....	50.00	83.00		133.00
J. G. Smith	do.....	11.11			
G. B. McGinty	do.....	50.00			
G. B. King	do.....	927.78			
W. R. Richardson	do.....	72.22			
A. L. Connolly	Clerk, at \$840	280.00			
Frank Haynie	do.....	70.00			
W. R. Swank	do.....	350.00			
T. B. Weir	do.....	116.67			
M. Bresnahan	Watchman, at \$720	720.00			
D. J. Byrnes	do.....	318.00			
L. D. Frost	do.....	312.00			
J. E. Field	Messenger.....	720.00			
Maria L. Brown	Charwoman.....	480.00			

Total amount paid for salaries under above appropriation, \$44,446.18.

Unexpended balance, \$233.82.

[Appropriation: General expenses, Bureau of Soils, 1905 \$170,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimburse- ment for station and field expenses.	Total.
F. K. Cameron	Soil chemist	\$3,000.00	\$250.28		\$3,250.28
G. T. McNess	Tobacco expert.....	3,000.00	736.25		3,736.25
L. J. Briggs	Soil physicist.....	2,500.00			
C. H. Seaton	Clerk class 4, at \$1,800	1,575.00			
F. D. Gardner	Scientist	2,500.00	131.35		2,631.35
J. F. Breazeale	Scientist, at \$1,200	300.00			
F. O. Martin	Scientist, at \$1,000	750.00			
Atherton Seidell	Soil analyst, at \$1,400	1,050.00			
J. O. Belz	Assistant soil management.....	1,399.99			

Expenditures of the Bureau of Soils, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
J. C. Hogenson.....	Assistant soil management, at \$1,200.	\$300.00			
J. C. Nelson.....	do.	1,116.66			
O. L. Eckman.....	Assistant soil management, at \$1,000.	1,000.00			
L. A. Kolbe.....	do.	938.88			
G. B. Maynadier.....	do.	1,000.00			
E. L. Zehring.....	do.	863.89			
Julia R. Pearce.....	Assistant, soil survey.	1,000.00			
B. E. Livingston.....	Soil expert, at \$600 and \$1,600.	950.00			
J. M. Bell.....	Expert, at \$1,200	180.00			
H. C. Kieth.....	Expert, at \$1,000	211.11			
C. J. Hueter.....	Expert, at \$3.33 per day	99.90			
J. C. Brooke.....	Laboratory assistant, at \$1,000	208.27			
R. M. Goss.....	do.	1,000.00			
J. G. Smith.....	do.	988.89			
J. W. McLane.....	Laboratory assistant, at \$840 and \$1,000.	880.00			
A. B. Depuy.....	Mechanician, at \$1,000.	688.92			
E. T. Hughes.....	Assistant soil expert, at \$840.	140.00			
Frank Haynie.....	Assistant photographer, at \$840	770.00			
H. H. Wentz.....	Laboratory, aid at \$720	180.00			
A. L. Connolly.....	Clerk, at \$840.	9.33			
Chas. Landvoigt.....	Carpenter.	840.00			
J. I. Keefer.....	Fireman, at \$3 per day	78.00			
G. R. J. Newman.....	Fireman, at \$840	840.00			
J. A. Cratty.....	Plumber, at \$4 per day	202.00			
S. W. Howe.....	Laborer, at \$720.	672.00			
Bennett Banks.....	Laborer, at \$600.	578.33			
Serena Haygood.....	do.	600.00			
C. E. Rouser.....	do.	600.00			
W. R. Thomas.....	Laborer.	300.00			
T. I. Ingelhart.....	Laborer, at \$3.50 per day	42.00			
S. R. Mundell.....	Laborer, at \$3 per day	84.00			
R. Collins.....	Laborer.	2.50			
John Calvin.....	Laborer, at \$1.50 per day	4.50			
John Hofmann.....	do.	.75			
Eugene Ross.....	do.	5.25			
Philip Thomas.....	Laborer, at \$1 per day	15.00			
Hortencia Jones.....	Charwoman.	480.00			
C. H. Blackmon.....	Messenger boy.	360.00			

Total amount paid for salaries in Washington under above appropriation, \$34,305.17.

[Outside of Washington.]

M. L. Floyd.....	Special agent, at \$3,000.	\$2,216.67	\$573.61		\$2,790.28
J. A. Bonsteel.....	Scientist	2,500.00	239.00		2,739.00
J. G. Holmes.....	do.	1,800.00	1,321.00		3,121.00
C. A. Jensen.....	Scientist, at \$1,600	133.33			133.33
W. G. Smith.....	do.	1,333.34			1,333.34
M. H. Lapham.....	Assistant soil survey.	1,000.00	1,590.22		3,190.22
J. E. Lapham.....	Assistant soil survey, at \$1,400 and \$1,600.	1,566.67	1,583.14		3,149.81
E. O. Flippin.....	Assistant soil survey, at \$1,400.	505.56	495.31		1,000.87
F. E. Bonsteel.....	Assistant soil survey, at \$1,200 and \$1,400.	1,366.67	1,495.84		2,862.51
T. A. Caine.....	do.	1,366.67	847.22		2,213.89
W. E. Hearn.....	do.	1,366.67	724.32		2,090.99
H. W. Marean.....	do.	989.57	667.27		1,656.84
C. N. Mooney.....	do.	1,366.67	1,509.88		2,876.55
T. D. Rice.....	do.	1,366.54	849.31		2,215.85
H. J. Wilder.....	do.	1,366.67	1,927.95		3,294.62
H. H. Bennett.....	Assistant soil survey, at \$1,200.	1,200.00	299.25		1,499.25
J. L. Burgess.....	do.	1,200.00	1,139.13		2,339.13
W. T. Carter.....	do.	1,200.00	1,472.10		2,672.10
C. W. Ely.....	do.	1,000.00	349.50		1,349.50
G. B. Jones.....	do.	1,200.00	615.55		1,815.55
W. H. Knox.....	do.	1,200.00	103.95	\$226.61	1,530.56
W. E. McLendon.....	do.	1,200.00	1,165.03		2,365.03
A. W. Mangum.....	do.	1,200.00	964.92		2,164.92
J. O. Martin.....	do.	200.00	159.81		359.81
N. P. Neill.....	do.	1,200.00	467.97		1,667.97

Expenditures of the Bureau of Soils, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
A. S. Root.....	Assistant soils survey, at \$1,200.	\$960.00	\$1,124.60	.....	\$2,084.60
E. P. Carr.....	Assistant soil expert, at \$1,200.	1,166.66	1,331.74	.....	2,498.40
M. E. Carr.....	do.....	1,200.00	637.32	.....	1,837.32
J. A. Drake.....	do.....	1,200.00	1,221.58	.....	2,421.58
A. T. Sweet.....	do.....	1,200.00	398.13	\$192.42	1,790.55
A. M. Griffen.....	do.....	1,200.00	58.19	.....	1,258.19
F. R. Reid.....	Assistant soil expert, at \$1,000 and \$1,200.	1,083.36	8.10	61.25	1,152.71
F. D. Stevens.....	Assistant soil management, at \$1,200.	1,200.00	84.00	.....	1,284.00
O. L. Ayrs.....	Assistant soil expert, at \$1,000.	1,000.00	267.11	.....	1,267.11
W. J. Geib.....	do.....	1,000.00	1,270.20	.....	2,270.20
L. C. Holmes.....	do.....	1,000.00	113.30	115.05	1,228.35
A. E. Kocher.....	do.....	1,000.00	361.51	.....	1,361.51
W. W. Mackie.....	do.....	1,000.00	.....	.....	.....
F. N. Meeker.....	do.....	1,000.00	259.10	.....	1,259.10
L. M. Ruhlén.....	do.....	416.66	.....	.....	.....
J. C. Britton.....	Assistant soil management, at \$1,000 and \$1,200.	1,166.66	60.76	37.30	1,264.72
J. F. Warner.....	do.....	1,166.66	23.45	163.25	1,353.36
C. L. Cook.....	Assistant soil management, at \$1,000.	999.96	24.05	.....	1,024.01
F. R. Pember.....	do.....	1,000.00	.....	.....	.....
F. C. Schroeder.....	do.....	999.99	22.40	.....	1,022.39
J. J. Skinner.....	do.....	1,000.00	.....	45.95	1,045.95
W. C. Taber.....	do.....	1,000.00	113.00	.....	1,113.00
W. E. Tharp.....	do.....	1,000.00	61.43	.....	1,061.43
T. L. Wheeler.....	do.....	458.33	165.03	.....	623.36
W. S. Lyman.....	Soil expert, at \$1,000.	1,000.00	68.65	.....	1,068.65
C. J. Mann.....	do.....	1,000.00	29.35	.....	1,029.35
H. L. Belden.....	Agent and expert.....	1,000.00	75.40	.....	1,075.40
Rudolph Boss.....	do.....	720.00	.....	.....	.....
H. Weinberg.....	Expert, at \$1,200.....	1,200.00	.....	.....	.....
J. W. Kellogg.....	Expert, at \$1,000.....	250.00	.....	.....	.....
Matthew Steel.....	Expert, at \$840.....	140.00	.....	.....	.....
W. M. Hinson.....	Tobacco expert, at \$2,000 and \$2,500.	2,250.00	985.90	656.48	3,892.38
G. B. Massey.....	Tobacco expert, at \$1,800.....	1,800.00	51.75	554.70	2,406.45
E. H. Mathewson.....	Tobacco expert.....	1,500.00	84.73	299.66	1,884.39
J. B. Stewart.....	do.....	1,500.00	82.60	1,223.05	2,805.65
L. W. Ayer.....	do.....	1,200.00	228.53	120.47	1,549.00
Harry Rich.....	do.....	1,000.00	49.85	184.31	1,234.16
W. W. Green.....	Tobacco expert, at \$600 and \$1,000.	800.00	.....	.....	.....
Otto Olson.....	Tobacco expert, at \$840.....	840.00	.....	.....	.....
W. J. Wood.....	Tobacco expert.....	780.00	.....	.....	.....
H. A. Clark.....	Tobacco expert, at \$600.....	50.00	.....	.....	.....
R. T. A. Burke.....	Expert field assistant, at \$1,200.	1,073.33	522.50	.....	1,595.83
A. T. Strahorn.....	Expert soil management.....	1,000.00	163.72	.....	1,163.72
A. H. Snyder.....	Laboratory assistant, at \$1,000 and \$1,200.	1,083.36	32.00	15.85	1,131.21
L. A. Hurst.....	Laboratory assistant, at \$1,000.	950.00	.....	.....	.....
J. D. Butler.....	Laborer, at \$600.....	50.00	.....	.....	.....
R. S. Epley.....	do.....	600.00	61.53	.....	661.53

Total amount paid for salaries outside of Washington under above appropriation, \$77,850.00.

STATIONERY.

Name.	Amount.	Name.	Amount.
R. C. Ballantyne.....	\$41.47	Rand, McNally & Co.....	5.00
Macy-Wernicke (Limited).....	9.75	F. A. Schmidt.....	\$170.73
E. Morrison Paper Co.....	36.80	W. L. Swayze.....	93.09
W. B. Moses & Sons.....	3.12	D. A. Tower.....	.52
G. F. Muth & Co.....	85.86	Union Envelope Co.....	26.40
Old Dominion Paper Co.....	6.81	U. S. Envelope Co.....	30.45
D. F. Parker.....	13.50		

Total amount paid for stationery under above appropriation, \$523.50.

*Expenditures of the Bureau of Soils, Department of Agriculture, etc.—Continued.*MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
C. F. Adolph & Co.....	\$7.25	Journal of Physical Chemistry.....	\$3.00
American Gas Furnace Co.....	12.00	S. Kann & Sons Co.....	1.00
American Lava Co.....	1.47	C. S. & Kessler Bro.....	1.60
E. C. Atkins & Co.....	2.82	William Kraft.....	4.25
Barber & Ross.....	74.30	H. V. Lake.....	3.75
H. Baumgarten.....	.75	Kellogg Switchboard and Supply Co.	8.75
J. Baumgarten & Sons.....	2.50	Jas. B. Lambie (Incorporated).....	214.62
Bausch & Lomb Optical Co.....	293.47	J. H. Lane & Co.....	757.71
Behrendt Bros.....	35.00	Lapp, Davis Co.....	14.48
John M. Beavers.....	1.50	James Lewis.....	2.00
J. A. & W. Bird Co.....	13.00	Leeds & Northrop Co.....	55.80
J. Bishop & Co.....	619.77	Library Bureau.....	3.84
F. W. Bolgiano & Co.....	2.75	Lord & Burnham.....	48.38
Boltz, Clymer & Co.....	146.73	M. Lindsay Rubber Manufacturing	
W. F. Bowen.....	26.28	Co.....	1.80
Brown & Sharp Manufacturing Co....	14.45	McCauley & McGill.....	2.50
John Boyle & Co.....	2.80	Mackall Bros.....	884.86
Boston Gear Co.....	3.84	Maddock & Co.....	1.80
Bridgeport Safety Emery Wheel Co....	28.40	Manhattan Electrical Supply Co....	10.40
Buffalo Excelsior Machine Co.....	2.03	Maurice Joyce Engraving Co.....	2.97
Darius E. Burton.....	2.50	F. P. May & Co.....	7.26
Carborundum Co.....	1.58	Merck & Co.....	1.25
R. P. Clark & Co.....	92.95	Metropolitan R. R. Co.....	12.00
Columbian Iron and Wire Works.....	92.40	Francis Miller.....	163.29
Church & Stephenson.....	376.87	J. C. Moninger Co.....	131.94
P. A. Clark.....	10.00	Geo. F. Muth.....	99.04
Frederick Carl.....	165.85	National Mortar Co.....	2.75
W. W. Clark & Sons.....	6.00	National Electric Supply Co.....	132.61
L. Cohen Co.....	2.25	Newman Clock Co.....	48.00
E. H. Catlin & Co.....	6.30	A. B. Porter.....	68.50
I. S. Colwell.....	6.75	Pratt & Whitney Co.....	240.23
M. G. Copeland & Co.....	36.58	E. J. Pullman.....	68.05
Cornell Cooperative Co.....	4.25	John C. Rau.....	21.00
J. E. Crandell.....	79.19	Hugh Reilly.....	21.10
C. B. Cropley.....	1.85	Remington Typewriter Co.....	266.20
W. T. Cummings.....	20.00	E. Rutzler.....	1.07
E. L. Cushman.....	2.00	E. S. Schmid.....	1.10
Cutter Electric & Manufacturing Co....	19.50	Schneider Bros.....	15.00
S. H. Davis & Co.....	60.00	Shafer Co.....	10.25
Densmore Typewriter Co.....	9.50	M. H. Shea.....	2.40
Delano & Moore.....	48.16	W. S. Sheetz.....	6.45
W. S. Diekey Clay Manufacturing Co....	298.68	Geo. Shilling.....	1.50
Clarence Dozier.....	1.75	M. Sickels & Sons.....	6.28
Driver & Harris Wire Co.....	4.81	Simplex Electric Heating Co.....	14.45
M. Du Perow.....	55.38	Slater Brick Co.....	22.00
W. H. Dyer.....	12.50	R. H. Smith Manufacturing Co.....	14.63
C. R. Edmonston.....	198.10	Thos. Somerville & Sons.....	228.94
Eimer & Amend.....	105.82	Standard Oil Co.....	5.50
James Elliott & Co.....	38.50	Sterling Varnish Co.....	5.70
Chas. Engelhart.....	11.25	C. H. Storling Co.....	36.22
G. T. Ennis.....	1.88	A. P. Swayser & Co.....	21.38
J. C. Ergood & Co.....	50.08	A. H. Thomas Co.....	286.28
T. W. Esler.....	1.04	C. W. Thompson.....	7.81
Henry Evans.....	6.00	Charles Soby.....	35.00
G. D. Feidt & Co.....	94.30	Torsion Balance Co.....	113.05
J. W. Fish & Co.....	2.05	U. S. Mailing Co.....	14.72
Forsburg & Murry.....	124.00	P. F. Van Everen.....	5.00
Julian P. Frieze.....	4.50	E. F. Vermillion.....	5.00
Geo. F. Fritch.....	3.25	Washington Rwy. and Electric Co....	24.00
Eberhard Faber.....	27.20	Ward Leonard Electric Co.....	34.06
Wm. Gaertner.....	171.74	J. T. Walker Sons.....	4.75
Z. D. Gilman.....	26.52	A. L. Webb & Co.....	24.75
Pratt Goodell Co.....	4.80	Rudolph, West & Co.....	124.93
C. S. Grimes.....	58.00	Whitall, Tatum & Co.....	209.79
Emil Griener.....	234.43	C. M. Woolf & Co.....	12.00
Gundlach Manhattan Optical Co.....	.50	C. C. Williams.....	.97
W. L. & L. E. Gurley.....	186.40	Williams, Brown & Earl.....	3.60
Hartford Tobacco Association.....	162.70	Wilson Oil Mill.....	176.73
J. G. Holcomb Manufacturing Co.....	2.10	Woodward & Lothrop.....	154.32
F. L. Hood.....	8.50	E. Youngs.....	.50
Cabot Holtzer Electric Co.....	108.02	Zanesville Stoneware Co.....	5.53
A. O. Hutherby.....	10.00		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$9,292.78.

Expenditures of the Bureau of Soils, Department of Agriculture, etc.—Continued.

FURNITURE.

Name.	Amount.	Name.	Amount.
M. Du Perow.....	\$55.26	National Electric Supply Co.....	\$3.77
Julius Lansburg.....	6.90	Potomac Electric Power Co.....	12.24
W. B. Moses & Sons.....	128.07	Yawman & Erbe Manufacturing Co.	39.50

Total amount paid for furniture under above appropriation, \$245.74.

FREIGHT.

Baltimore and Ohio R. R.....	\$14.56	Knox Express Co.....	\$50.88
Blue Line Transfer Co.....	6.00	Northern Pacific R. R.....	1.25
E. C. Gary.....	18.25	Southern Pacific R. R.....	4.68
Littlefield, Alvord & Co.....	5.55	Washington Southern Rwy.....	2.15

Total amount paid for freight under above appropriation, \$103.32.

EXPRESS.

Adams Express Co.....	\$213.79	United States Express Co.....	\$55.14
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Total amount paid for express under above appropriation, \$268.93.

TELEGRAPH.

Postal Telegraph Cable Co.....	\$8.30	Western Union Telegraph Co.....	\$93.55
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Total amount paid for telegraph under above appropriation, \$101.85.

TELEPHONE.

Chesapeake and Potomac Telephone Co.....	\$24.00		
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RENT.

H. C. Babcock.....	\$200.00	W. B. Page.....	\$80.50
S. T. Fleshman.....	190.00	S. L. Phillips.....	2,600.00
Hartford Tobacco Association.....	.50	Royall National Bank.....	48.21
B. C. Maroney.....	5.00	John F. Shea.....	1,320.00
Thos. Maroney.....	57.67	John Sprott.....	4.00
A. J. Murphy.....	3.50	O. H. Wienges.....	70.00

Total amount paid for rent under above appropriation, \$4,499.38.

GAS AND ELECTRICITY.

Potomac Electric Power Co.....	\$159.72	Washington Gas Light Co.....	\$189.10
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Total amount paid for gas and electricity under above appropriation, \$348.82.

TRAVELING EXPENSES.

L. W. Ayer.....	\$228.53	J. L. Burgess.....	\$1,139.13
O. L. Ayrs.....	267.11	R. T. A. Burke.....	522.50
H. L. Belden.....	75.40	T. A. Caine.....	847.22
H. H. Bennett.....	299.25	E. P. Carr.....	1,331.74
F. Bennett.....	521.50	F. K. Cameron.....	250.28
J. F. Breazeale.....	26.65	M. E. Carr.....	637.32
F. E. Bonsteel.....	1,495.84	W. T. Carter.....	1,472.10
J. A. Bonsteel.....	239.00	G. N. Coffey.....	266.70
J. C. Britton.....	60.76	C. L. Cook.....	24.05
B. E. Brown.....	10.92	C. W. Dorsey.....	1,008.31

Expenditures of the Bureau of Soils, Department of Agriculture, etc.—Continued.

TRAVELING EXPENSES—Continued.

Name.	Amount.	Name.	Amount.
J. A. Drake.....	\$1,221.58	J. O. Martin.....	\$159.81
C. W. Ely.....	349.50	G. B. Massey.....	51.75
R. S. Epley.....	61.53	E. H. Mathewson.....	84.73
E. O. Fippen.....	495.31	A. G. McCall.....	105.20
M. L. Floyd.....	573.61	W. E. McLendon.....	1,165.03
F. D. Gardner.....	131.35	F. N. Meeker.....	259.10
W. J. Geib.....	1,270.20	C. N. Mooney.....	1,509.88
A. M. Griffen.....	58.19	N. P. Neill.....	467.97
W. E. Hearn.....	724.32	F. R. Reid.....	8.10
W. H. Heileman.....	1,076.20	T. D. Rice.....	849.31
W. M. Hinson.....	985.90	Harry Rich.....	49.85
J. C. Hogenson.....	43.89	A. S. Root.....	1,124.60
J. G. Holmes.....	1,321.00	F. C. Schroeder.....	22.40
L. C. Holmes.....	113.30	W. G. Smith.....	1,211.08
L. A. Hurst.....	83.00	W. G. Smith.....	269.20
G. B. Jones.....	615.55	A. H. Snyder.....	32.00
C. A. Jensen.....	333.10	F. D. Stevens.....	84.00
W. H. Knox.....	103.95	J. B. Stewart.....	82.60
A. E. Kocher.....	361.51	A. T. Strahorn.....	163.72
J. E. Lapham.....	1,583.14	A. T. Sweet.....	398.13
M. H. Lapham.....	1,590.22	W. C. Taber.....	113.00
W. S. Lyman.....	68.65	W. E. Tharp.....	61.43
G. T. McNess.....	736.25	J. F. Warner.....	23.45
A. W. Mangum.....	964.92	H. J. Wilder.....	1,927.95
C. J. Mann.....	29.35	T. L. Wheeler.....	165.03
H. W. Marean.....	667.27	Milton Whitney.....	152.00

Total amount paid for traveling expenses under above appropriation, \$36,828.42.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

L. W. Ayer.....	\$120.47	G. B. Massey.....	\$554.70
J. C. Britton.....	37.30	Harry Rich.....	184.31
C. W. Dorsey.....	267.60	F. R. Reid.....	61.25
W. H. Heileman.....	70.65	A. G. Rice.....	5.72
J. C. Hogenson.....	10.25	A. H. Snyder.....	15.85
W. M. Hinson.....	656.48	J. B. Stewart.....	1,223.05
L. C. Holmes.....	115.05	J. J. Skinner.....	45.95
W. H. Knox.....	226.61	A. T. Sweet.....	192.42
E. H. Mathewson.....	299.66	J. F. Warner.....	163.25

Total amount paid for station and field expenses under above appropriation, \$4,250.57.

Amount of appropriation.....	\$170,000.00
Total expenditures under the several groups.....	168,642.48
Balance.....	1,357.52
Repayment to appropriation through Treasury.....	1.00
Unexpended balance.....	1,358.52

Recapitulation of the several appropriations for the Bureau of Soils, as distributed among the following groups, and the total expenditures under each.

Statutory salaries.....	\$44,446.18
Lump-fund salaries in Washington.....	34,305.17
Lump-fund salaries outside of Washington.....	77,850.00
Stationery.....	523.50
Miscellaneous supplies and services, equipment, books, apparatus, machinery, and laboratory materials of all kinds.....	9,292.78
Furniture.....	245.74
Freight.....	103.32
Express.....	268.93
Telegraph.....	101.85
Telephone.....	24.00
Rent.....	4,499.38
Gas and electricity.....	348.82
Traveling expenses.....	36,828.42
Station and field expenses.....	4,250.57

Total for entire Bureau of Soils.....213,088.66

Amount of appropriations.....	214,680.00
Total expenditures under several groups.....	213,088.66
Balance.....	1,591.34
Repayment to appropriation through Treasury.....	1.00
Unexpended balance.....	1,592.34

Expenditures of the Bureau of Soils, Department of Agriculture, etc.—Continued.

PROJECTS.

The principal projects conducted by the Bureau of Soils during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

	Salaries.	Transportation.	Travel.	Other expenses.	Total.
Soil survey.....	\$50,503.35	\$2,603.00	\$27,563.83	\$871.96	\$81,542.14
Tobacco investigations.....	18,786.67	830.17	5,099.77	1,928.44	26,645.05
Alkali investigations.....	10,693.32	1,278.54	2,677.28	381.81	15,030.95
Soil management.....	17,917.78	202.34	328.43	969.44	19,417.99
Total.....					142,636.13

Expenditures of the Bureau of Entomology, Department of Agriculture, for the fiscal year ended June 30, 1905.

[Appropriation: Bureau of Entomology, salaries, 1905, \$12,450.]

[STATUTORY SALARIES, TRAVELING EXPENSES, AND STATION AND FIELD EXPENSES.]

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
L. O. Howard.....	Chief of Bureau.....	\$3,250.00	\$837.42		\$4,087.42
D. W. Coquillett.....	Assistant entomologist.....	1,800.00			
Theo. Pergande.....	do.....	1,600.00			
M. G. Champney.....	do.....	1,400.00			
A. N. Caudell.....	do.....	1,200.00	280.25		1,480.25
Jacob Kotinsky.....	do.....	253.33			
R. P. Currie.....	do.....	946.67	115.50		1,062.17
T. A. Keleher.....	Clerk.....	1,000.00			
D. J. Partello.....	do.....	297.22			
Mabel Colcord.....	do.....	702.78			

Total amount paid for salaries under above appropriation, \$12,450.

[Appropriation: General expenses, Bureau of Entomology, 1905, \$70,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
R. C. Althouse.....	Clerk.....	\$1,400.00			
M. Anthony.....	Charwoman.....	480.00			
Stephen Aubinoe.....	Tin roofer.....	21.00			
Nathan Banks.....	Assistant.....	1,800.00			
John F. Barchausen.....	Cabinetmaker.....	6.00			
John L. Barnes.....	Carpenter.....	546.00			
Frank Benton.....	Investigator.....	2,250.00	\$150.22		\$2,400.22
Horace Brown.....	Unskilled laborer.....	49.50			
August Busck.....	Clerk.....	1,400.00	275.00		1,675.00
W. S. Canatsey.....	Messenger.....	798.00			
Thos. J. Chambers.....	Carpenter.....	19.50			
F. H. Chittenden.....	Investigator.....	2,650.50			
M. F. Clayton.....	Expert assistant.....	254.66			
R. S. Clifton.....	Clerk.....	1,800.00			
Mabel Colcord.....	Scientific library assistant.....	295.06			
F. D. Couden.....	Expert.....	840.00			
R. P. Currie.....	Assistant entomologist.....	253.33	115.50		368.83

Expenditures of the Bureau of Entomology, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Chas. B. Dyar.....	Expert.....	\$162.65			
Henry C. Franck.....	Unskilled laborer.....	2.25			
C. J. Gilliss.....	Clerk.....	1,200.00			
Wm. Halley.....	Carpenter.....	355.75			
P. Havenstein.....	Expert.....	80.00			
Frank F. Hayden.....	Carpenter.....	19.50			
O. Heidemann.....	Assistant.....	1,400.00	\$5.10		\$1,405.10
A. D. Hopkins.....	Investigator.....	2,500.00	455.79	\$19.85	2,975.64
L. L. Howenstein.....	Draftsman.....	1,400.00			
Thomas F. Jones.....	Painter.....	41.60			
W. A. Keleher.....	Expert.....	720.00			
Jennie Locke.....	do.....	400.00			
Ella Loftin.....	Charwoman.....	34.00			
J. E. Marks.....	Clerk.....	440.00			
C. L. Marlatt.....	Investigator.....	2,750.00	827.87		3,577.87
E. C. Morton.....	Laborer.....	36.00			
Leslie Martin.....	Special agent.....	702.00	5.60		707.60
Mary Mercer.....	Charwoman.....	40.00			
D. W. Perkins.....	Unskilled laborer.....	45.00			
E. F. Phillips.....	Expert.....	140.00			
W. L. Phillips.....	Painter.....	286.70			
F. C. Pratt.....	Assistant.....	1,400.00	86.81		1,486.81
J. M. Rankin.....	Special agent.....	961.16	189.40	198.14	1,348.70
J. L. Reeves.....	Laborer.....	600.00			
M. Rey.....	Expert.....	500.00			
Eliz. Ritchie.....	do.....	232.00			
E. G. Sanders.....	Special agent.....	600.00	38.10		638.10
J. R. Sasscer.....	Aid.....	334.67			
E. A. Schwarz.....	Investigator.....	2,000.00	133.60		2,133.60
J. F. Strauss.....	Draftsman.....	900.00	6.00		906.00
C. Syphax.....	Unskilled laborer.....	314.50			
W. F. Tastet.....	Clerk.....	1,400.00			
E. S. G. Titus.....	Special agent.....	1,600.00	662.74		2,262.74
J. A. Trunnell.....	Laborer.....	540.00			
N. E. Williams.....	Expert.....	40.00			
W. E. Willis.....	Laborer.....	350.00			
E. C. Wood.....	Clerk.....	644.51			

Total amount paid for salaries in Washington under above appropriation, \$40,035.84.

[Outside of Washington.]

J. H. Beattie.....	Special agent.....	\$660.00	\$410.33	\$212.19	\$1,282.52
Lawrence Bruner.....	Special field agent.....	100.00	64.60		164.60
H. E. Burke.....	do.....	1,266.67	546.00		1,812.67
Chas. E. Chambliss.....	do.....	250.00			
W. F. Fiske.....	Special agent.....	1,266.66	714.45		1,981.11
A. Arsene Girault.....	Special field agent.....	253.34	423.31		676.65
James S. Hine.....	do.....	262.50	70.80		333.30
Fred. Johnson.....	do.....	400.00	88.15	198.46	686.61
Henrietta A. Kelly.....	do.....	900.00			
Herbert Osborn.....	do.....	300.00	49.50		349.50
W. J. Phillips.....	do.....	500.00	491.69		991.69
A. L. Quaintance.....	Special agent.....	650.00	1,158.67	294.13	2,102.80
Geo. I. Reeves.....	Special field agent.....	750.00	425.17		1,175.17
Fred. Voorhees.....	Laborer.....	190.15			
J. L. Webb.....	Special field agent.....	1,266.67	607.22		1,873.89
F. M. Webster.....	do.....	2,250.00	928.19		3,178.19

Total amount paid for salaries outside of Washington under above appropriation, \$11,265.99.

STATIONERY.

Name.	Amount.	Name.	Amount.
R. P. Andrews & Co. (Incorporated).....	\$11.88	D. Frank Parker.....	\$22.30
H. C. Davison & Co.....	8.64	Remington Typewriter Co.....	4.90
John D. Kelly.....	18.50	Fred A. Schmidt.....	4.46
Library Bureau.....	802.35	Charles P. Swett.....	3.00
E. Morrison Paper Co.....	21.60	Yawman & Erbe Manufacturing Co..	1.20

Total amount paid for stationery under above appropriation, \$898.83.

Expenditures of the Bureau of Entomology, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
Adler Color and Chemical Works.....	\$7.25	Luigi R Lambertenghi.....	\$24.00
Alpha Photo Engraving Co.....	11.20	James B. Lambie Co.....	40.67
Michael Ambrozic.....	10.00	Leggett & Brother.....	15.55
American Entomological Co.....	199.85	Mackall Bros.....	190.09
Ph. J. Baldensperger.....	72.93	The Macmillan Co.....	19.00
Barber & Ross.....	.50	Manhattan Electric Supply Co.....	17.25
Bausch & Lomb Optical Co.....	511.54	The Maurice Joyce Engraving Co.....	15.56
A. Bernie Bell.....	35.00	George Meier Co.....	1.10
J. Berthaud Fils.....	24.46	Merrimac Chemical Co.....	10.20
Matth. Beve.....	8.00	J. E. Merritt.....	2.50
Blair Camera Co.....	3.50	Francis Miller.....	17.54
Bowker Insecticide Co.....	20.40	Mont. Joret & Co.....	17.50
L. G. Bragg & Co.....	36.16	A. L. Moore.....	19.20
H. H. Brehme.....	9.60	Morrill & Morley.....	40.13
J. E. Bromwell & Sons.....	4.75	F. Morrison Paper Co.....	4.10
William Brough.....	1.00	George J. Mueller.....	1.20
W. Burpee, Atlee & Co.....	2.51	Geo. F. Muth & Co.....	28.62
R. C. M. Burton & Son.....	33.00	Norwalk Lock Co.....	3.08
Capital Traction Co.....	30.00	E. J. Pullman.....	\$4.47
Carboy Insecticide Co.....	5.00	Queen & Co. (Incorporated).....	8.00
Miss M. Carmody.....	47.50	Thos. Ragan.....	4.00
Church & Stephenson.....	181.31	The Randolph Paper Box Co.....	\$4.25
R. P. Clarke Co.....	2.00	A. Redaelli & Figli.....	401.44
R. S. Clifton.....	558.68	Hugh Reilly.....	2.25
Columbia Oil Co.....	4.20	The A. I. Root Co.....	104.86
M. G. Copeland & Co.....	9.00	The Rosslyn Packing Co.....	8.40
Dayton Fruit Tree Label Co.....	5.78	Rudolph, West & Co.....	79.78
The Deming Co.....	38.45	Fred A. Schmidt.....	3.20
Miss Nevarte Dervishian.....	20.00	Schneider Bros.....	1.75
F. H. Dodge.....	6.00	N. H. Shea.....	10.00
C. Dorflinger & Sons.....	16.64	S. S. Shedd & Bro. Co.....	31.08
M. Duperow.....	20.40	Silas Sheetz.....	175.78
Eastman Kodak Co.....	10.80	Geo. Shilling.....	7.00
Chas. R. Edmonston.....	18.45	Charles Shore.....	13.00
The J. C. Ergood Co.....	6.27	M. V. Slingerland.....	82.07
John B. Espey.....	2.50	Spencer Lens Co.....	132.25
Do.....	7.50	Aug. W. Smith.....	325.00
The Eureka Rubber Mfg. Co.....	32.50	Lewis Smith.....	9.00
The W. T. Falconer Mfg. Co.....	51.49	W. & T. Smith Co.....	25.00
Geo. D. Feidt & Co.....	1.60	Thos. Somerville & Sons.....	15.70
Folmer & Schwing Manufacturing Co.....	8.00	Southern Printers Supply Co.....	11.05
Franklin & Co.....	4.50	Chas. G. Stott & Co.....	1.00
Franklin Davis Nursery Co.....	324.99	Ernest Swinhoe.....	41.36
Adrian Getaz.....	1.50	Edward R. Taylor.....	5.51
Giddings & Steele.....	73.44	Arthur H. Thomas Co.....	11.48
Z. D. Gilman.....	4.50	Thomsen Chemical Co.....	15.14
The Goulds Manufacturing Co.....	16.97	J. M. Thorburn & Co.....	2.89
Emil Greiner.....	4.42	James S. Topham.....	7.00
Griffith & Turner Co.....	18.00	Alexander Trotter.....	9.00
Daniel Hiser.....	13.50	F. A. Tschiffely, jr.....	5.67
Edgar J. Hulse.....	232.00	Walker Engraving Co.....	17.50
Wm. F. Hunt.....	1.25	J. T. Walker Sons.....	9.52
W. Z. Hutchinson.....	7.00	Charles Warner Co.....	2.50
Fratelli Ingegnoli.....	13.12	Washington, Alexandria and Mount Vernon Railway Co.....	30.00
S. Kann, Sons & Co.....	2.25	The Washington Wood Working Co.....	.50
The Kentucky Tobacco Product Co.....	5.55	Whitall Tatum Co.....	213.29
Keuffel & Esser Co.....	9.15	Woodward & Lothrop.....	15.81
The Kny-Scheerer Co.....	2.00	C. M. Woolf & Co.....	.75
Wm. Krafft.....	142.05	Elphonz Youngs.....	.80
R. E. Kunze.....	2.35	Carl Zeiss.....	42.63
Lamb & Tilden.....	15.10		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$5,488.33.

FURNITURE.

Doten Denton Desk Co.....	\$28.00	Washington Wood Working Co.....	\$112.00
W. H. Hoeke.....	40.77	Woodruff Manufacturing Co.....	184.00
W. B. Moses & Sons.....	132.10	Woodward & Lothrop.....	227.12
W. L. Swayze.....	12.50		

Total amount paid for furniture under above appropriation, \$736.49.

Expenditures of the Bureau of Entomology, Department of Agriculture, etc.—Continued.

FREIGHT.

Name.	Amount.	Name.	Amount.
Baltimore and Ohio Railroad Co	\$23.44	Pennsylvania Railroad Co	\$3.83
Blue Line Transfer Co	1.50	Thomsen Chemical Co	1.11
Geo. W. Knox Express Co	16.82	I. P. Roosa . . . . .	.55
Littlefield, Alvord & Co . . . . .	.50		

Total amount paid for freight under above appropriation, \$47.75.

EXPRESS.

Adams Express Co	\$304.92	United States Express Co	\$157.10
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Total amount paid for express under above appropriation, \$462.02.

TELEGRAPH.

Postal Telegraph Co	\$3.83	Western Union Telegraph Co	\$23.26
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Total amount paid for telegraph under above appropriation, \$27.09.

TELEPHONE.

Chesapeake and Potomac Telephone Co	\$74.70		
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RENT.

John Bush	\$20.00	A. Peterkin	\$20.00
A. J. Doherty	20.00	Walter S. Ratliff	20.00
Geo. S. Fraser	720.00	J. T. Robinson	20.00
E. H. Hume	20.00	Lowell Roudebush	20.00
C. A. Jewell	20.00	Jas. D. Stearnes	20.00
A. Kingsley	20.00	John Thompson	20.00

Total amount paid for rent under above appropriation, \$940.

GAS AND ELECTRICITY.

Washington Gaslight Co	\$63.30	Potomac Electric Power Co	\$5.87
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Total amount paid for gas and electricity, under above appropriation, \$69.17.

TRAVELING EXPENSES.

James H. Beattie	\$410.33	C. L. Marlatt	\$827.87
Frank Benton	150.22	Leslie Martin	5.60
Lawrence Bruner	64.60	Herbert Osborn	49.50
H. E. Burke	546.00	W. J. Phillips	491.69
August Busck	275.00	F. C. Pratt	86.81
A. N. Caudell	280.25	A. L. Quaintance	291.98
Rolla P. Currie	115.50	John M. Rankin	189.40
W. F. Fiske	714.45	Geo. I. Reeves	425.17
A. A. Girault	55.96	J. G. Sanders	38.10
Otto Heidemann	5.10	John F. Strauss	6.00
James S. Hine	70.80	E. S. G. Titus	536.54
A. D. Hopkins	455.79	J. L. Webb	607.22
L. O. Howard	338.81	F. M. Webster	928.19
Fred Johnson	88.15		

Total amount paid for traveling expenses under above appropriation, \$8,054.78.

Expenditures of the Bureau of Entomology, Department of Agriculture, etc.—Continued.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

Name.	Amount.	Name.	Amount.
J. H. Beattie.....	\$212. 19	Fred Johnson.....	\$198. 46
L. C. Corbett.....	99. 00	J. M. Rankin.....	198. 14
A. D. Hopkins.....	19. 85		

Total amount paid for station and field expenses under above appropriation, \$727.64.

Total of groups under the above appropriation.....	\$68,828. 63
Amount advanced to Mr. Frank Benton, temporary special disbursing agent, and for which accounts will be sent direct to the Treasury.....	175. 00
Total of expenditures.....	69,003. 63
Amount of appropriation.....	70,000. 00
Repayment to appropriation through Treasury.....	20. 00
Appropriation available.....	70,020. 00
Total expenditures.....	69,003. 63
Unexpended balance.....	1,016. 37

[Appropriation: Cotton boll weevil, 1904-5 (Entomology), \$80,300.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[Outside of Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
John L. Barnes.....	Carpenter.....	\$35. 75			
F. C. Bishopp.....	Special field agent.....	1,283. 34	\$1,127. 94	\$13. 45	\$2,424. 73
Chas. T. Brues.....	do.....	800. 00	371. 23		1,171. 23
A. F. Conradi.....	Expert.....	9. 00			
J. C. Crawford, jr.....	Special field agent.....	1,166. 67	1,384. 90		2,551. 57
W. H. Gilson.....	do.....	100. 00			
A. A. Girault.....	do.....	400. 00			
Springer Goes.....	do.....	1,283. 34	870. 45		2,153. 79
G. H. Harris.....	do.....	812. 50	757. 69	4. 05	1,574. 24
W. E. Hinds.....	do.....	1,625. 00	723. 82		2,348. 82
Wm. A. Hooker.....	do.....	1,007. 23	1,274. 42	3. 01	2,284. 66
R. C. Howell.....	do.....	400. 00	636. 00		736. 00
W. D. Hunter.....	do.....	2,375. 00	1,661. 42	\$14. 63	4,851. 05
Charles R. Jones.....	do.....	983. 34	960. 56	5. 03	1,948. 93
Thomas F. Jones.....	Painter and decorator.....	35. 20			
Austin J. Leister.....	Clerk.....	1,200. 00	159. 50		1,359. 50
A. C. Lewis.....	Expert.....	350. 00	36. 49	11. 84	398. 33
A. C. Morgan.....	Special field agent.....	1,283. 34	1,121. 98		2,405. 32
A. W. Morrill.....	do.....	1,366. 67	1,788. 64		3,155. 31
W. D. Pierce.....	do.....	1,283. 34	984. 19		2,267. 53
A. L. Quaintance.....	do.....	1,333. 32			
C. E. Sanborn.....	Expert.....	1,020. 00	117. 00		1,137. 00
E. D. Sanderson.....	do.....	38. 00	98. 89		136. 89
Chas. M. Walker.....	Special field agent.....	700. 00	636. 41		1,336. 41
W. W. Yothers.....	do.....	1,066. 67	699. 25		1,765. 92
C. Buchanan.....	Laborer.....	30. 00			
W. H. Gilson.....	do.....	93. 67			
James Hull.....	do.....	28. 30			
B. T. Jordan.....	do.....	182. 54			
J. D. Mitchell.....	do.....	25. 00			

Total amount paid for salaries outside of Washington under above appropriation, \$22,017.22.

*Expenditures of the Bureau of Entomology, Department of Agriculture, etc.—Continued.***MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.**

Name.	Amount.	Name.	Amount.
Alexander Seed Co.....	\$22.50	J. F. Harrison.....	\$30.00
A. N. Alford.....	148.37	B. W. Hawkins.....	37.50
C. A. Antonioli.....	12.47	Holloway Seed and Grain Co.....	162.09
W. C. Anderson.....	920.29	Howell Bros.....	6.71
Bailey Mills Co.....	175.55	Jefferson Johnson.....	546.50
L. J. Bankhead.....	261.06	L. L. Laycock.....	208.00
Bausch & Lomb Optical Co.....	94.43	Wm. H. Leckie.....	850.41
Ralph Beaton.....	285.88	W. H. Mackrell.....	11.50
Beck & Gregg Hardware Co.....	51.75	A. D. Mebane.....	62.50
A. P. Borden.....	822.14	G. & C. Merriam Co.....	9.25
Brasinas Bros.....	100.00	Pittman & Harrison Co.....	29.16
Burrelle's Press Clipping Bureau.....	70.00	S. G. Read.....	632.38
James Bute.....	42.00	Chris. H. Roberts.....	200.00
The Century Co.....	10.00	M. V. Slingerland.....	22.20
W. H. Chrisholm.....	47.50	J. M. Styers.....	600.00
Cleveland Comp. & W. H. Co.....	458.26	Texas Seed and Floral Co.....	19.75
Delano & Moore.....	2.63	W. T. Tipton.....	300.00
Disbursing clerk, P. O. Dept.....	3.20	Virginia-Carolina Chemical Co.....	3,460.70
Dust Sprayer Mfg. Co.....	22.00	C. Weichsel Co.....	98.22
Folmer & Schwing Mfg. Co.....	49.00	Wynndham Robertson Storage Co.....	4.55
Garth, Howell & Webb.....	7.15		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$10,897.58.

FURNITURE.

J. F. Hart.....	\$10.00	W. B. Moses & Sons.....	\$31.50
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Total amount paid for furniture under above appropriation, \$41.50.

FREIGHT.

Houston and Texas Central R. R. Co.....	\$46.00	New York, Texas-Mexican Rwy. Co.....	\$8.08
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Total amount paid for freight under above appropriation, \$54.08.

EXPRESS.

Adams Express Co.....	\$278.15	United States Express Co.....	\$9.72
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Total amount paid for express under above appropriation, \$287.87.

TELEGRAPH.

Postal Telegraph Cable Co.....	\$8.52	Western Union Telegraph Co.....	\$76.13
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Total amount paid for telegraph under above appropriation, \$84.65.

RENT.

Dallas Trust Co., house for laboratory, 131 Reiger avenue, Dallas Tex.....	\$35.00	J. F. McCann, house for laboratory, 308 Commercial street, Victoria, Tex.....	\$192.00
J. D. Hanby, house for laboratory, 1135 Lamar avenue, Paris, Tex.....	308.00	B. B. Sturgeon, 2 acres land near Paris, Tex., for experimental work.....	25.00

Total amount paid for rent under above appropriation, \$560.

TRAVELING EXPENSES.

H. S. Barber.....	\$164.81	A. J. Leister.....	\$159.50
F. C. Bishopp.....	1,127.94	A. C. Lewis.....	36.49
C. T. Brues.....	371.23	A. C. Morgan.....	1,121.98
J. C. Crawford, jr.....	1,384.90	A. W. Morrill.....	1,788.64
As Arsene Girault.....	423.31	W. D. Pierce.....	984.19
Springer Goes.....	870.45	A. L. Quaintance.....	866.69
G. H. Harris.....	757.69	C. E. Sanborn.....	117.00
Warren E. Hinds.....	723.82	E. D. Sanderson.....	98.89
W. A. Hooker.....	1,274.42	E. A. Schwarz.....	133.60
L. O. Howard.....	498.61	E. S. G. Titus.....	126.20
W. D. Hunter.....	1,661.42	Chas. M. Walker.....	636.41
Chas. R. Jones.....	960.56	W. W. Yothers.....	699.25

Total amount paid for traveling expenses under above appropriation, \$16,988.

Expenditures of the Bureau of Entomology, Department of Agriculture, etc.—Continued.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

Name.	Amount.	Name.	Amount.
F. C. Bishopp.....	\$13.45	Chas. R. Jones.....	\$5.03
G. H. Harris.....	4.05	A. C. Lewis.....	11.84
Wm. A. Hooker.....	3.01	A. L. Quaintance.....	294.13
W. D. Hunter.....	\$14.63		

Total amount paid for station and field expenses under above appropriation, \$1,146.14.

Total of the several groups under the above appropriation.....	\$52,077.04
Amount advanced to temporary special disbursing agent, W. D. Hunter, whose account was sent direct to the Treasury.....	5,000.00
Total.....	57,077.04
Unexpended balance.....	23,222.96

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
A. N. Alford.....	Growing of cotton for investigations concerning cotton boll weevil.	\$148.37
W. C. Anderson.....	do.	920.29
L. J. Bankhead.....	do.	261.06
Ralph Beaton.....	do.	285.88
A. P. Borden.....	do.	822.14
Jefferson Johnson.....	do.	546.50
Wm. H. Leckie.....	do.	\$50.41
S. G. Reed.....	do.	632.38
J. M. Styers.....	do.	600.00
W. T. Tipton.....	do.	300.00

[Appropriation: Cotton boll weevil, 1904-5 (Secretary's reserve, \$17,136.93.)

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[Outside of Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
T. E. Billingsley.....	Temporary field assistant.....	\$10.00			\$10.00
B. R. Bristol.....	Special agent.....	397.33		\$3.92	401.25
A. W. Buckner.....	Special field agent.....	204.03	\$170.85		374.88
Max W. Buell.....	Special agent.....	2.67		99.60	102.27
Thomas J. Chambers.....	Carpenter.....	119.00			119.00
J. A. Cratty.....	Plumber.....	244.00			244.00
C. B. Doyle.....	Expert.....	735.00			735.00
A. T. Felt.....	Special agent.....	63.33	212.35		275.68
C. W. Flynn.....	do.....	71.67	234.65		306.32
J. B. Garrett.....	Special field agent.....	254.03	212.00		466.03
Geo. P. Goll.....	Special agent.....	275.00		210.39	485.39
E. S. Hardy.....	Special field agent.....	829.03	755.77	6.00	1,590.80
E. L. Harrison.....	Plumber's helper.....	37.00			37.00
R. C. Howell.....	Special field agent.....	929.03			929.03
John H. Kinsler.....	Special agent.....	245.83			245.83
John J. Lawless.....	Plumber.....	40.00			40.00
S. E. McClendon.....	Special field agent.....	758.06	795.95		1,554.01
Argyle McLachlan.....	Special agent.....	656.00		16.30	672.30
T. R. McManus.....	do.....	142.50			142.50
H. A. Morgan.....	Special field agent.....	800.00	1,036.70	1,484.30	3,321.00
Wilmon Newell.....	do.....	300.00	215.46		515.46
A. J. Smith.....	Painter.....	115.00			115.00

Total amount paid for salaries outside of Washington under above appropriation, \$7,228.51.

*Expenditures of the Bureau of Entomology, Department of Agriculture, etc.—Continued.*MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
R. Carter Ballantyne.....	\$8.00	M. Lindsay Rubber Co.....	\$14.75
Bausch and Lomb Optical Co.....	53.59	Lord & Burnham Co.....	21.20
Conrad Becker.....	79.00	Lutz & Co.....	6.00
The Biggs Heating Co.....	100.00	Mackall Bros.....	.89
C. E. Brereton.....	10.86	A. J. McKee & Co.....	6.90
L. Callisher.....	3.00	Francis Miller.....	7.01
Frederick Carl.....	16.50	E. Morrison Paper Co.....	11.75
Church & Stephenson.....	106.75	Geo. F. Muth & Co.....	15.87
M. G. Copeland & Co.....	2.50	Queen & Co. (Incorporated).....	4.50
Cyphers Incubator Co.....	17.39	Rudolph, West & Co.....	7.98
Wm. H. Dyer.....	17.50	W. Silas Sheetz.....	124.70
Chas. R. Edmonston.....	6.60	Thos. Somerville & Sons.....	162.99
Bimer & Amend.....	8.88	Spencer Lens Co.....	103.21
John B. Espey.....	3.40	M. A. Tappan.....	16.00
Express Publishing Co.....	4.25	United Fruit Co.....	8.30
Z. D. Gilman.....	5.73	Waterbury Battery Co.....	1.86
Ginn & Co.....	2.10	Emil Wellaner.....	8.50
Henry J. Green.....	10.80	Warren M. Whyte.....	48.25
John Hammer.....	6.25	Woodward & Lothrop.....	20.00
M. B. Keese.....	8.50	Yawman and Erbe Manufacturing Co.....	22.00
Kneessi's Sons.....	14.00		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$1,098.26.

FUEL.

Wm. J. Zeh Co.....	\$52.99		
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FREIGHT.

Pennsylvania Railroad Co.....	\$5.09	Geo. W. Knox Express.....	\$5.05
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Total amount paid for freight under above appropriation, \$10.14.

EXPRESS.

United States Express Co.....	\$6.30	Adams Express Co.....	\$23.63
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Total amount paid for express under above appropriation, \$29.93.

TELEGRAPH.

Western Union Telegraph Co.....	\$182.59	Postal Telegraph Co.....	\$0.86
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Total amount paid for telegraph under above appropriation, \$183.45.

TRAVELING EXPENSES.

Bernard R. Bristol.....	\$303.08	H. A. Morgan.....	\$943.05
A. W. Buckner.....	170.85	A. T. Felt.....	212.35
Max W. Buell.....	29.99	C. W. Flynn.....	234.65
C. B. Doyle.....	240.55	J. B. Garrett.....	212.00
R. C. Howell.....	636.00	Geo. P. Goll.....	1,008.97
S. E. McClendon.....	795.95	E. S. Hardy.....	755.77
Argyle McLachlan.....	938.63	Wilmon Newell.....	215.46

Total amount paid for traveling expenses under above appropriation, \$6,697.30.

Expenditures of the Bureau of Entomology, Department of Agriculture, etc.—Continued.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

Name.	Amount.	Name.	Amount.
B. R. Bristol.....	\$3.92	Argyle McLachlan.....	\$16.30
Max W. Buell.....	99.60	H. A. Morgan.....	1,484.30
Geo. P. Goll.....	210.39	G. N. Collins.....	15.84
E. S. Hardy.....	6.00		

Total amount paid for station and field expenses under above appropriation, \$1,836.35.

Total of the several groups under the above appropriation, \$17,136.93.

Balance of cotton boll weevil appropriation available on July 1, 1904 (act of January 15, 1904).....	\$205,564.11
The amounts allotted to Bureau of Entomology from this appropriation were \$80,300 and \$17,136.93, in all.....	97,436.93
Total expenditures as shown by groups under the two allotments named.....	74,213.97
Unexpended balance.....	23,222.96

Recapitulation of the several appropriations for the Bureau of Entomology, as distributed among the following groups, and the total expenditures under each.

Statutory salaries.....	\$12,450.00
Lump fund salaries in Washington.....	40,035.84
Lump fund salaries outside of Washington.....	40,511.72
Stationery.....	898.83
Miscellaneous supplies and services, equipment, books, apparatus, machinery, and laboratory materials of all kinds.....	17,484.17
Furniture.....	777.99
Fuel.....	52.99
Freight.....	111.97
Express.....	779.82
Telegraph.....	295.19
Telephone.....	74.70
Rent.....	1,500.00
Gas and electricity.....	69.17
Traveling expenses.....	31,740.08
Station and field expenses.....	3,710.13

Total for entire Bureau of Entomology..... 150,492.60

Total of all appropriations for Bureau of Entomology.....	179,886.93
Total expenditures under the above groups.....	150,492.60

	29,394.33
Advance to special disbursing agent.....	5,175.00
	24,219.33
Repayments through Treasury.....	20.00
Unexpended balance.....	24,239.33

PROJECTS.

The principal projects conducted by the Bureau of Entomology during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

Importations of useful insects.....	\$2,500.00
Forest insect investigations.....	12,000.00
Deciduous fruit insect investigations.....	5,000.00
Investigations of insects injurious to vegetable crops and stored products.....	6,000.00
Cereal and forage plant insect investigations.....	6,000.00
Scale insect investigations.....	6,000.00
Investigations into the life history of the cattle tick.....	250.00
Experimental work with insecticides.....	3,000.00
Investigations of insects in their direct relation to the health of man.....	2,500.00
Silk investigations.....	5,000.00
Apicultural investigations.....	7,000.00
Investigations of insects affecting cotton.....	2,000.00
Miscellaneous investigations and other work.....	11,733.63
Balance unexpended.....	1,016.37
Total.....	70,000.00

Allotment to Bureau of Entomology from special appropriation for cotton boll weevil investigations.

Work in Texas against the cotton boll weevil and the cotton boll worm.....	\$57,077.04
Work in Louisiana against the cotton boll weevil.....	9,877.56
Investigation and importation of the Guatemalan ant.....	7,259.37

Expenditures of the Division of Biological Survey, Department of Agriculture, for the fiscal year ended June 30, 1905.

[Appropriation: Salaries of division of Biological Survey, 1905, \$17,850.]

STATUTORY SALARIES, TRAVELING EXPENSES, AND STATION AND FIELD EXPENSES.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
C. Hart Merriam.....	Chief of division.....	\$2,750.00	\$823.11		\$3,573.11
W. H. Osgood.....	Assistant biologist.....	1,800.00			
A. H. Howell.....	Assistant biologist, at \$1,500..	1,500.00	\$4.30		1,584.30
D. E. Lantz.....	do.....	375.00	440.99		815.99
Henry Oldys.....	do.....	1,125.00			
W. W. Cooke.....	Assistant biologist, at \$1,400..	435.55			
S. D. Judd.....	do.....	964.31	31.62		995.93
Merritt Cary.....	Assistant biologist, at \$1,200..	1,200.00	116.95		1,316.95
A. B. Morrison.....	do.....	1,200.00			
W. W. Cooke.....	do.....	100.00			
H. C. Oberholser.....	do.....	1,100.00	6.00		1,106.00
J. A. Farley.....	do.....	270.00			
D. E. Lantz.....	do.....	500.00			
W. L. McAtee.....	do.....	300.00			
Jas. H. Gaut.....	Clerk, at \$1,200.....	1,100.00	\$59.16		1,959.16
N. H. Kent.....	Clerk, at \$1,000.....	1,000.00			
Jas. H. Gaut.....	do.....	\$3.30			
C. B. Milligan.....	do.....	913.92			
R. K. Gustafson.....	Clerk, at \$900.....	555.00			
C. B. Milligan.....	do.....	75.00			
E. W. Pearson.....	do.....	150.00			

Total amount paid for salaries under above appropriation, \$17,497.08.

Unexpended balance, \$352.92.

[Appropriation, general expenses of biological investigations, 1905, \$33,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
H. W. Henshaw.....	Administrative biologist, at \$2,500.	\$625.00			
T. S. Palmer.....	In charge game preservation..	2,500.00	\$413.99		\$2,913.99
F. E. L. Beal.....	In charge economic ornithology	2,400.00			
A. K. Fisher.....	Assistant chief.....	2,250.00	25.50		2,275.50
Henry Oldys.....	Assistant biologist, at \$1,800..	450.00			
E. A. Preble.....	Assistant biologist.....	1,600.00	624.59		2,224.59
W. W. Cooke.....	Assistant biologist, at \$1,200..	400.00			
J. A. Farley.....	do.....	100.00			
D. E. Lantz.....	do.....	100.00			
R. W. Williams, jr.....	Game-law assistant, at \$1,200	300.00			
W. L. McAtee.....	Assistant biologist, at \$1,000..	750.00			
C. R. Ellis.....	Assistant, at \$900.....	75.00			
S. E. Piper.....	do.....	70.00			
C. R. Ellis.....	Assistant biological expert, at \$720.	480.00			
O. B. Morrison.....	do.....	570.00			
S. E. Piper.....	do.....	484.00			
C. R. Ellis.....	Assistant biological expert, at \$480.	120.00			
S. E. Piper.....	do.....	120.00			
K. F. Beale.....	do.....	20.00			
Virginia Perkins.....	Charwoman.....	480.00			
L. V. Wynkoop.....	Skilled laborer, at \$40 per month.	126.67			
Philip Briscoe.....	Laborer, at \$1.50 per day.....	4.50			
Alex. Washington.....	do.....	4.50			

Total amount paid for salaries in Washington under above appropriation, \$14,029.67.

Expenditures of the Division of Biological Survey, Department of Agriculture, etc.—Cont'd.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

[Outside of Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Vernon Bailey.....	Chief field naturalist.....	\$2,400.00	\$817.81	.....	\$3,217.81
E. W. Nelson.....	Field naturalist.....	2,250.00	882.82	.....	3,132.82
E. A. Goldman.....	do.....	1,600.00	660.15	.....	2,260.15
N. Hollister.....	Field expert.....	1,200.00	839.57	.....	2,039.57
Cyrus Catt.....	Field expert, at \$200 per month.....	800.00	.....	.....	.....
Alfred Eastgate.....	Warden, at \$12 per annum.....	2.00	.....	.....	.....
Paul Kroegel.....	do.....	12.00	.....	.....	.....
W. M. Sprinkle.....	do.....	4.00	.....	.....	.....

Total amount paid for salaries outside of Washington under above appropriation, \$8,268.

STATIONERY.

Name.	Amount.	Name.	Amount.
R. Carter Ballantyne.....	\$4.20	D. Frank Parker.....	\$3.00
Judd & Detweiler.....	3.50	Randolph Paper Box Co.....	5.00
Library Bureau.....	18.45	Sieber & Trussell Manufacturing Co.....	6.90
E. Morrison Paper Co.....	17.54	W. L. Swayze.....	72.50
W. B. Moses & Sons.....	7.15	Union Envelope Co.....	5.86
Multum in Parvo Binder Co.....	2.40		

Total amount paid for stationery under above appropriation, \$146.50.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Abercrombie & Fitch.....	\$59.55	Geo. M. McGuire.....	\$18.00
Robert Alcorta.....	1.25	Mackall Bros.....	30.65
American Entomological Co.....	13.20	Manhattan Electrical Supply Co.....	17.25
Animal Trap Co.....	12.60	F. P. May & Co.....	161.84
Bausch & Lomb Optical Co.....	68.37	W. A. Merritt.....	7.20
C. C. Beattie.....	29.75	Francis Miller.....	2.50
R. H. Beck.....	50.00	J. B. Monroe.....	13.00
Henry W. Beers.....	3.35	John A. Morden.....	6.35
B. C. Fur Manufacturing Co.....	5.00	E. R. Morgan.....	4.00
Allan C. Brooks.....	5.25	Joseph Morris.....	5.00
F. S. Daggett.....	1.75	W. B. Moses & Sons.....	1.05
E. W. Darbey.....	2.00	C. A. Muddiman.....	11.00
Doremus Machine Co.....	1.50	Geo. F. Muth & Co.....	11.60
Dulin & Martin Co.....	1.00	Arthur H. Norton.....	1.85
J. C. Ergood Co.....	.40	P. B. Peabody.....	5.10
W. Otto Emerson.....	4.50	Wright M. Pierce.....	8.90
Will J. Farrington.....	10.00	E. J. Pullman.....	5.88
H. D. Feast & Co.....	19.80	A. Rea.....	23.00
Geo. D. Feidt & Co.....	2.65	Remington Typewriter Co.....	94.21
A. K. Fisher.....	63.70	C. H. Richardson, jr.....	5.95
W. K. Fisher.....	9.75	W. F. H. Rosenberg.....	81.50
Folmer & Schwing Manufacturing Co.....	13.10	Fred. A. Schmidt.....	9.06
L. A. Fuentes.....	330.00	A. R. Shearer.....	11.50
Z. D. Gilman.....	20.40	W. Silas Sheetz.....	297.86
Alex. Gow.....	1.05	W. E. Snyder.....	7.25
Andrew B. Graham Co.....	177.00	Thos. Somerville & Sons.....	4.65
Henry Green.....	27.50	Southern Printers' Supply Co.....	1.10
Joseph Grinnell.....	9.95	Levi Spalding.....	8.05
Thomas Hambright.....	4.50	Spencer Lens Co.....	7.50
W. P. Hay.....	1.00	Stockett-Fiske Co.....	120.00
La Rue K. Holmes.....	3.00	Taylor, Taylor & Hobson.....	101.30
Hutchinson & McCarthy.....	6.00	Jas. S. Topham.....	7.25
Hartley H. T. Jackson.....	3.00	H. G. Wagner.....	9.00
Thos. H. Jackson.....	1.50	Wm. Wagner.....	102.70
Maurice Joyce Engraving Co.....	37.54	J. S. Warmbath.....	33.50
Jacob Kempf.....	127.25	Philip Waughal.....	9.50
A. B. Klugh.....	10.20	Walker Weaver.....	71.00
Kneessi's Sons.....	14.00	A. L. Webb & Sons.....	22.88
W. Kraft.....	.65	Rudolph, West & Co.....	37.63
Jas. A. Lambert.....	25.40	Whitall Tatum Co.....	52.50
Chas. B. Lambie Co.....	5.25	J. J. Wilkinson.....	4.00
J. N. Le Conte.....	4.50	Woodward & Lothrop.....	9.24
B. V. Lilly.....	121.10	W. W. Worthington.....	51.40
M. Lindsay Rubber Co.....	.60		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$2,804.56.

Expenditures of the Division of Biological Survey, Department of Agriculture, etc.—Cont'd.

FURNITURE.

Name.	Amount.	Name.	Amount.
Church & Stephenson.....	\$36.94	Library Bureau.....	\$47.00
Jos. L. Crupper.....	1.50	Fred S. Lincoln.....	14.92
W. H. Hoeke.....	6.75	W. B. Moses & Sons.....	69.83
Kellogg Switchboard and Supply Co.	8.75	Woodward & Lothrop.....	165.52

Total amount paid for furniture under above appropriation, \$351.21.

FREIGHT.

Alaska Steamship Co.....	\$19.80	Pennsylvania Railroad Co.....	\$51.02
Geo. W. Knox Express Co.....	29.25	I. P. Roosa.....	.61
Pacific Coast Steamship Co.....	61.44		

Total amount paid for freight under above appropriation, \$162.12.

EXPRESS.

Adams Express Co.....	\$287.40	United States Express Co.....	\$264.87
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Total amount paid for express under above appropriation, \$552.27.

TELEGRAPH.

Postal Telegraph-Cable Co.....	\$24.97	Western Union Telegraph Co.....	\$34.31
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Total amount paid for telegraph under above appropriation, \$59.28.

TELEPHONE.

Chesapeake and Potomac Telephone Co.....	\$14.23		
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TRAVELING EXPENSES.

Vernon Bailey.....	\$817.81	S. D. Judd.....	\$31.62
Merritt Cary.....	116.95	D. E. Lantz.....	440.99
A. K. Fisher.....	25.50	C. Hart Merriam.....	746.11
Jas. H. Gaut.....	\$59.16	E. W. Nelson.....	882.82
E. A. Goldman.....	660.15	T. S. Palmer.....	413.99
N. Hollister.....	\$39.57	E. A. Preble.....	624.59
A. H. Howell.....	84.30	H. C. Oberholser.....	6.00

Total amount paid for traveling expenses under above appropriation, \$6,549.56.

Total of several groups under above appropriation "General expenses of biological investigations, 1905," \$32,937.40.

Unexpended balance, \$62.60.

[Appropriation: General expenses of biological investigations, 1904-5, \$1,000 (care of elk).]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[Outside of Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
F. T. Hittell.....	Game preserve expert: 1 month, \$100..... 4 months, \$1.....	\$100.00 4.00	\$264.30		\$364.30

Total amount paid for salaries outside of Washington under above appropriation, \$104.

*Expenditures of the Division of Biological Survey, Department of Agriculture, etc.—Continued.*MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
Cyclone Woven Wire Fence Co.....	\$216.84	C. Hart Merriam.....	\$145.00

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$361.84.

TRAVELING EXPENSES.

F. T. Hittell.....	\$264.30	C. Hart Merriam.....	\$77 00
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Total amount paid for traveling expenses under above appropriation, \$341.30.

Total of several groups under the above appropriation, \$507.14.

Unexpended balance, \$192.86.

Recapitulation of the several appropriations for the Division of Biological Survey, as distributed among the following groups, and the total expenditures under each.

Statutory salaries.....	\$17,497.08
Lump-fund salaries in Washington.....	14,029.67
Lump-fund salaries outside of Washington.....	8,372.00
Stationery.....	146.50
Miscellaneous supplies and services, equipment, books, apparatus, machinery, and laboratory materials of all kinds.....	3,166.40
Furniture.....	351.21
Freight.....	162.12
Express.....	552.27
Telegraph.....	59.28
Telephone.....	14.23
Traveling expenses.....	6,890.86

Total for entire Division of Biological Survey..... 51,241.62

Total amount of all appropriations..... 51,850.00

Total expenditures..... 51,241.62

Unexpended balance..... 608.38

Expenditures of the Division of Accounts and Disbursements, Department of Agriculture, for the fiscal year ended June 30, 1905.

[Appropriation: Division of Accounts and Disbursements, 1905, \$24,350.]

STATUTORY SALARIES, TRAVELING EXPENSES, AND STATION AND FIELD
EXPENSES.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimburse- ment for station and field expenses.	
F. L. Evans.....	Chief of division and disburs- ing clerk.	\$2,749.89	\$71.30		\$2,821.19
A. Zappone.....	Assistant chief of division.....	1,999.99	612.75		2,612.74
M. E. Fagan.....	Cashier.....	1,800.00			
F. C. Cox.....	Clerk class 3.....	1,600.00			
W. W. Jones.....	do.....	1,600.00			
Anna Montgomery.....	do.....	1,600.00			
Louise Breedin.....	Clerk class 2.....	1,399.99			
C. E. Donnelly.....	do.....	536.46			
W. J. Nevius.....	do.....	699.99			
C. L. Du Bois.....	do.....	1,399.99			
L. F. Harrington.....	do.....	1,399.99			
M. McCutchen.....	do.....	1,399.99			
Eva H. Quinn.....	do.....	1,399.99			
C. B. Clark.....	Clerk class 1.....	1,200.00			
B. M. Dodson.....	do.....	1,200.00			
C. V. Grant.....	do.....	1,200.00			
W. A. Murray.....	Custodian of records and files..	1,000.00			

Total amount paid for salaries under above appropriation, \$24,186.28.

Unexpended balance, \$163.72.

Expenditures of the Division of Publications, Department of Agriculture, for the fiscal year ended June 30, 1905.

[Appropriation: Division of Publications, salaries, 1905, \$30,640.]

STATUTORY SALARIES, TRAVELING EXPENSES, AND STATION AND FIELD EXPENSES.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
Geo. Wm. Hill	Editor and chief	\$3,000.00			
B. D. Stallings	Associate editor	1,999.99			
C. H. Greathouse	Assistant editor	1,800.00	\$22.75		\$1,822.75
Ephraim Cornman	do	1,600.00			
W. F. Harding	do	1,600.00			
F. J. P. Cleary	Editorial clerk, at \$1,400	700.00			
G. W. Kennedy	do	349.99			
John Roberts	do	1,399.99			
A. I. Mudd	Chief clerk	1,800.00			
M. E. Edwards	Clerk class 1	1,200.00			
I. J. Nichols	do	1,200.00			
M. C. Stoddart	do	900.00			
M. N. Housel	do	300.00			
M. E. Thorn	do	1,200.00			
M. B. Berryhill	Clerk, at \$1,000	986.15			
M. A. Goodchild	do	1,000.00			
Ethel L. Kluge	do	250.00			
C. M. Lloyd	do	644.41			
J. B. Morman	do	1,000.00			
M. C. Stoddart	do	250.00			
A. B. Boettcher	do	500.00			
H. B. Chapman	do	83.33			
A. B. Hill	do	125.01			
R. B. Handy	Assistant in charge of document section	1,800.00			
John O. Riley	Second assistant in document section	1,200.00			
J. H. Hendrix	Foreman document section	1,399.99			
C. E. Bracey	Chief folder	1,000.00			
Annie Parker	Folder	840.00			

Total amount paid for salaries under above appropriation, \$30,128.86.
Unexpended balance, \$511.14.

[Appropriation: General expenses, Division of Publications (Farmers' Bulletins), 1905, \$105,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
J. A. Arnold	Associate editor	\$2,250.00			\$2,250.00
F. J. P. Cleary	Editorial clerk, at \$1,400	349.99			349.99
S. E. Thornton	Editorial clerk	1,600.00			1,600.00
A. B. Boettcher	Assistant draftsman, at \$1,400	349.99			349.99
E. C. Butterfield	Scientific assistant, at \$1,200	400.00			400.00
H. S. Walter	Chief folder	1,200.00			1,200.00
L. Augur	Laborer, at \$600	596.67			596.67
M. A. Cunningham	do	313.33			313.33
L. V. Danforth	do	600.00			600.00
M. E. Emery	do	600.00			600.00
L. C. Fowler	do	600.00			600.00
M. E. Greer	do	550.00			550.00
E. A. Laird	do	600.00			600.00
Eliz. Mulvehill	do	600.00			600.00
Maud Owens	do	596.67			596.67
N. Rice	do	600.00			600.00

Total amount paid for salaries in Washington under above appropriation, \$11,806.65.

*Expenditures of the Division of Publications, Department of Agriculture, etc.—Continued.*MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
Alpha Photo-Engraving Co.....	\$4.65	Maria Parloa.....	\$150.00
M. R. Duggar.....	8.00	Printing and Photo-Engraving Co.....	5.88
Maurice Joyce Engraving Co.....	52.84	R. J. Redding.....	70.00
Galvanotype Engraving Co.....	1.45	Scientific Engraving Co.....	56.60
Gatchell & Manning.....	91.15	Thos. Shaw.....	25.00
S. C. Lancaster.....	120.00	Southern Printers' Supply Co.....	3.00
J. Manz Engraving Co.....	150.00	Walker Engraving Co.....	60.39
L. C. Newman.....	150.00	H. J. Wheeler.....	30.00

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$978.96.

EXPRESS.

Adams Express Co.....	\$2.50	United States Express Co.....	\$1.00
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Total amount paid for express under above appropriation, \$3.50.

TELEGRAPH.

Western Union Telegraph Co.....	\$0.46		
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TRAVELING EXPENSES.

L. C. Corbett.....	\$30.20		
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PRINTING.

Public Printer.....	\$92,065.39		
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Total amount of several groups under the above appropriation "General Expenses, Division of Publications (Farmers' Bulletins).": \$104,885.16.

Unexpended balance, \$114.81.

[Appropriation: General expenses, Division of Publications (additional assistants, etc.), 1905, \$15,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION
EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
L. S. Williams.....	Engraver.....	\$1,800.00	.....	.....	\$1,800.00
Leopold Olszewski.....	Clerk and draftsman, at \$1,500.....	1,125.00	.....	.....	1,125.00
J. N. Baker.....	Clerk and draftsman, at \$1,400.....	1,399.99	.....	.....	1,399.99
F. W. S. Blanchard.....	do.....	1,108.33	.....	.....	1,108.33
J. H. Stevenson.....	Clerk and draftsman, at \$1,200.....	1,200.00	.....	.....	1,200.00
A. B. Boettcher.....	Artist and draftsman, at \$1,000.....	219.48	.....	.....	219.48
A. B. Hill.....	Clerk, at \$1,000.....	83.33	.....	.....	83.33
Julia Bullock.....	Assistant photographer.....	840.00	.....	.....	840.00
W. S. Clime.....	do.....	840.00	.....	.....	840.00
S. L. Carpenter.....	Laborer, at \$720.....	570.00	.....	.....	570.00
H. B. Chapman.....	do.....	660.00	.....	.....	660.00
F. A. Chase.....	do.....	720.00	.....	.....	720.00
B. B. Clark.....	do.....	720.00	.....	.....	720.00
M. A. Daniels.....	do.....	720.00	.....	.....	720.00
A. R. Walter.....	Laborer, at \$420.....	420.00	.....	.....	420.00
R. B. Mull.....	Messenger, at \$360.....	66.00	.....	.....	66.00
M. D. Arnold.....	Assistant, at \$2.50 per day.....	382.50	.....	.....	382.50
Ella M. Platt.....	Assistant photographer and clerk, at \$1.50 per day.....	25.50	.....	.....	25.50
Sarah I. Proctor.....	Artist, at \$3.33½ per day.....	6.67	.....	.....	6.67

Total amount paid for salaries in Washington under above appropriation, \$12,906.80.

*Expenditures of the Division of Publications, Department of Agriculture, etc.—Continued.*MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
R. C. Ballantyne.....	\$6.14	E. Morrison Paper Co.....	\$3.75
Bausch & Lomb Optical Co.....	3.00	W. B. Moses & Sons.....	11.50
F. W. Bicknell.....	100.00	G. F. Muth & Co.....	179.07
Delano & Moore.....	5.09	Norris Peters Co.....	16.00
J. B. Espey.....	5.00	E. J. Pullman.....	386.04
G. D. Feidt & Co.....	5.00	F. A. Schmidt.....	57.61
Galvanotype Engraving Co.....	2.93	Scientific Engraving Co.....	70.00
Gatchell & Manning.....	3.25	G. W. Smith.....	18.83
Maurice Joyce Engraving Co.....	7.08	Southern Printers' Supply Co.....	4.80
Keuffel & Esser Co.....	53.07	W. L. Swayze.....	50.40
M. A. Leese.....	16.87	Taylor & Hobson (Limited).....	267.98
Mackall Bros.....	52.24	J. H. Wagenhorst & Co.....	340.00
J. Manz Engraving Co.....	27.50	Walker Engraving Co.....	3.66
Francis Miller.....	1.12		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$1,697.93.

FREIGHT.

Littlefield, Alvord & Co.....	\$0.75		
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EXPRESS.

Adams Express Co.....	\$4.00	United States Express Co.....	\$3.05
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Total amount paid for express under above appropriation, \$7.05.

TRAVELING EXPENSES.

C. H. Greathouse.....	\$22.75		
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Total amount of several groups under the above appropriation "General Expenses, Division of Publications (additional assistants)," \$14,635.28.

Unexpended balance, \$364.72.

[Appropriation: General expenses, Division of Publications (labor and material, etc.), 1905, \$89,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION
EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
F. J. P. Cleary.....	Assistant, at \$1,400.....	\$350.00	.....	.....	\$350.00
J. K. Kerr.....	Assistant, at \$900.....	75.00	.....	.....	75.00
Ethel L. Kluge.....	Stenographer, at \$840.....	630.00	.....	.....	630.00
A. E. Miller.....	Stenographer, at \$720.....	180.00	.....	.....	180.00
M. B. Berryhill.....	Clerk, at \$840.....	14.00	.....	.....	14.00
Wm. F. Deakins.....	Folder, at \$840.....	840.00	.....	.....	840.00
J. H. S. Tabler.....	do.....	485.33	.....	.....	485.33
Jacob Adams.....	Folder, at \$600.....	393.34	.....	.....	393.34
J. H. Rapier.....	do.....	600.00	.....	.....	600.00
Bonnie Winchester.....	do.....	133.33	.....	.....	133.33
Wm. Gordon.....	Laborer, at \$840.....	210.00	.....	.....	210.00
H. J. Atwell.....	Laborer, at \$720.....	720.00	.....	.....	720.00
P. M. Bane.....	do.....	720.00	.....	.....	720.00
M. E. Barnum.....	do.....	720.00	.....	.....	720.00
P. Bayne.....	do.....	100.00	.....	.....	100.00
Grace L. Bowman (G. L. Lindsey).....	do.....	720.00	.....	.....	720.00
G. S. Brown.....	do.....	720.00	.....	.....	720.00
Margaret Buckley.....	do.....	720.00	.....	.....	720.00
J. E. Clement.....	do.....	720.00	.....	.....	720.00
M. B. Corridon.....	do.....	720.00	.....	.....	720.00

Expenditures of the Division of Publications, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
A. L. Duke.....	Laborer, at \$720.....	\$720.00	.....	.....	\$720.00
Annie Dunford.....	do.....	720.00	.....	.....	720.00
C. L. Escaville.....	do.....	720.00	.....	.....	720.00
M. P. Galloway.....	do.....	720.00	.....	.....	720.00
J. H. Gaskins.....	do.....	720.00	.....	.....	720.00
Wm. Gordon.....	do.....	540.00	.....	.....	540.00
Peter Hager.....	do.....	720.00	.....	.....	720.00
C. B. Haas.....	do.....	720.00	.....	.....	720.00
M. M. Kammerer (M. M. Dick).....	do.....	696.00	.....	.....	696.00
G. W. King.....	do.....	120.00	.....	.....	120.00
O. A. King.....	do.....	584.00	.....	.....	584.00
L. R. Knott.....	do.....	720.00	.....	.....	720.00
M. E. Latham.....	do.....	720.00	.....	.....	720.00
E. L. Martin.....	do.....	696.00	.....	.....	696.00
L. R. Merriam.....	do.....	720.00	.....	.....	720.00
Alice Meyer.....	do.....	720.00	.....	.....	720.00
E. D. Moore.....	do.....	636.00	.....	.....	636.00
M. M. Moseley.....	do.....	720.00	.....	.....	720.00
E. M. Nelson.....	do.....	720.00	.....	.....	720.00
C. E. Payne.....	do.....	720.00	.....	.....	720.00
C. A. Penfield.....	do.....	720.00	.....	.....	720.00
C. E. Phillips.....	do.....	720.00	.....	.....	720.00
Matt. Poff.....	do.....	180.00	.....	.....	180.00
Almira Price.....	do.....	720.00	.....	.....	720.00
W. H. Richards.....	do.....	720.00	.....	.....	720.00
I. M. B. Roe.....	do.....	720.00	.....	.....	720.00
Matilda Ross.....	do.....	420.00	.....	.....	420.00
C. Saunders.....	do.....	720.00	.....	.....	720.00
Blanche Strong.....	do.....	720.00	.....	.....	720.00
A. J. Tull.....	do.....	696.00	.....	.....	696.00
S. A. Whittemore.....	do.....	720.00	.....	.....	720.00
H. H. Williams.....	do.....	720.00	.....	.....	720.00
M. R. Griffin.....	Laborer, at \$660.....	247.50	.....	.....	247.50
M. L. Apperson.....	Laborer, at \$600.....	596.67	.....	.....	596.67
G. F. Armstrong.....	do.....	600.00	.....	.....	600.00
F. C. Barber.....	do.....	600.00	.....	.....	600.00
Marie Barbieri.....	do.....	400.00	.....	.....	400.00
L. G. Barnette.....	do.....	150.00	.....	.....	150.00
S. G. Boernstein.....	do.....	312.50	.....	.....	312.50
M. S. Chamberlain.....	do.....	600.00	.....	.....	600.00
L. Connell.....	do.....	600.00	.....	.....	600.00
J. A. Connor.....	do.....	598.33	.....	.....	598.33
C. A. DeCommiss.....	do.....	25.00	.....	.....	25.00
L. E. Drennon.....	do.....	600.00	.....	.....	600.00
Winifred Duffy.....	do.....	600.00	.....	.....	600.00
M. S. Danforth.....	do.....	568.33	.....	.....	568.33
J. M. Egan.....	do.....	273.33	.....	.....	273.33
Mamie Esputa.....	do.....	600.00	.....	.....	600.00
J. A. Thorpe (J. A. Farden).....	do.....	600.00	.....	.....	600.00
L. A. Gardner.....	do.....	600.00	.....	.....	600.00
A. B. Gill.....	do.....	600.00	.....	.....	600.00
N. B. Gittings.....	do.....	600.00	.....	.....	600.00
C. W. Given.....	do.....	525.00	.....	.....	525.00
J. J. Greigor.....	do.....	600.00	.....	.....	600.00
R. A. Hayes.....	do.....	293.33	.....	.....	293.33
A. C. Johnson.....	do.....	100.00	.....	.....	100.00
C. G. Keating.....	do.....	425.00	.....	.....	425.00
G. G. Kennon.....	do.....	575.00	.....	.....	575.00
M. T. Key.....	do.....	600.00	.....	.....	600.00
G. W. King.....	do.....	500.00	.....	.....	500.00
M. J. King.....	do.....	600.00	.....	.....	600.00
L. B. Lawson.....	do.....	600.00	.....	.....	600.00
Ella Lewis.....	do.....	690.00	.....	.....	690.00
M. Long.....	do.....	600.00	.....	.....	600.00
E. S. Mack.....	do.....	600.00	.....	.....	600.00
Benj. Martin.....	do.....	145.00	.....	.....	145.00
S. J. Miller.....	do.....	560.00	.....	.....	560.00
C. L. Murphy.....	do.....	600.00	.....	.....	600.00
Louisa Noak.....	do.....	575.00	.....	.....	575.00
G. L. Pattee.....	do.....	533.33	.....	.....	533.33
G. E. Peck.....	do.....	600.00	.....	.....	600.00
E. M. Phillips.....	do.....	600.00	.....	.....	600.00
C. T. Plant.....	do.....	600.00	.....	.....	600.00
Matt. Poff.....	do.....	450.00	.....	.....	450.00
Kate Posey.....	do.....	600.00	.....	.....	600.00

Expenditures of the Division of Publications, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Emily Powell.....	Laborer, at \$600.....	\$600.00	.....	.....	\$600.00
Maggie Quinn.....	do.....	600.00	.....	.....	600.00
Hattie Robey.....	do.....	600.00	.....	.....	600.00
Ida G. Smith.....	do.....	150.00	.....	.....	150.00
K. O. Spalding.....	do.....	600.00	.....	.....	600.00
Lula Stewart.....	do.....	250.00	.....	.....	250.00
E. M. Sullivan.....	do.....	567.49	.....	.....	567.49
Edw. Schaney.....	do.....	600.00	.....	.....	600.00
M. A. Sexton.....	do.....	600.00	.....	.....	600.00
H. T. Sinclair.....	do.....	300.00	.....	.....	300.00
A. R. Taylor.....	do.....	600.00	.....	.....	600.00
Amelia Turner.....	do.....	150.00	.....	.....	150.00
J. M. Twomey.....	do.....	600.00	.....	.....	600.00
Harriet Wanstall.....	do.....	600.00	.....	.....	600.00
F. M. Wheelan.....	do.....	600.00	.....	.....	600.00
F. S. Williams.....	do.....	600.00	.....	.....	600.00
A. R. Willson.....	do.....	600.00	.....	.....	600.00
M. H. Wright.....	do.....	581.67	.....	.....	581.67
Minnie S. Vrooman.....	do.....	244.34	.....	.....	244.34
W. H. Young.....	do.....	620.00	.....	.....	620.00
H. A. Bingman.....	Laborer, at \$480.....	40.00	.....	.....	40.00
A. G. Bovee.....	do.....	16.00	.....	.....	16.00
Charity Broadus.....	do.....	480.00	.....	.....	480.00
C. Contee.....	do.....	72.00	.....	.....	72.00
M. C. Garvey.....	do.....	480.00	.....	.....	480.00
M. B. Goodall.....	do.....	40.00	.....	.....	40.00
L. M. Landreau.....	do.....	120.00	.....	.....	120.00
J. C. McFall.....	do.....	168.00	.....	.....	168.00
Benj. Martin.....	do.....	240.00	.....	.....	240.00
P. E. Nowlin, jr.....	do.....	324.00	.....	.....	324.00
Eulalie Puckett.....	do.....	120.00	.....	.....	120.00
Ida G. Smith.....	do.....	348.00	.....	.....	348.00
W. N. Talbot.....	do.....	480.00	.....	.....	480.00
G. F. Thompson.....	do.....	40.00	.....	.....	40.00
Amelia Turner.....	do.....	160.00	.....	.....	160.00
J. M. Truxell.....	do.....	480.00	.....	.....	480.00
Minn'e S. Vrooman.....	do.....	218.67	.....	.....	218.67
May Wasson.....	do.....	40.00	.....	.....	40.00
J. B. Aveille.....	Laborer, at \$360.....	103.00	.....	.....	103.00
Benj. Martin.....	do.....	44.00	.....	.....	44.00
Belle Meek.....	do.....	295.00	.....	.....	295.00
Lula Lewis.....	Messenger, at \$480.....	456.33	.....	.....	456.33
M. B. Mulholland.....	do.....	157.33	.....	.....	157.33
A. F. Lingle.....	Messenger boy, at \$360.....	176.00	.....	.....	176.00
M. M. Michaels.....	do.....	404.50	.....	.....	404.50
S. L. Garner.....	Charwoman, at \$480.....	280.00	.....	.....	280.00
Eliz. Meredith.....	do.....	240.00	.....	.....	240.00
C. C. Swayne.....	Apprentice, at \$360.....	73.00	.....	.....	73.00
F. M. Angelo.....	Fireman.....	720.00	.....	.....	720.00
J. M. Heinbuck.....	Laborer.....	420.00	.....	.....	420.00
E. M. Hubbs.....	Elevator conductor, at \$720.....	314.00	.....	.....	314.00
Jas. A. Cratty.....	Plumber, at \$4 per day.....	56.00	.....	.....	56.00
J. J. Lawless.....	do.....	28.00	.....	.....	28.00
Chas. Freedman.....	Carpenter, at \$3.50 per day.....	329.00	.....	.....	329.00
J. F. Barghausen.....	Cabinet maker, at \$3 per day.....	162.00	.....	.....	162.00
W. W. Claridge.....	Elevator conductor, at \$2.25 per day.....	67.50	.....	.....	67.50
Ernest Harrison.....	Laborer to plumber, at \$2 per day.....	28.00	.....	.....	28.00
Owen J. Cleary.....	Laborer, at \$1.50 per day.....	45.00	.....	.....	45.00
E. P. Cook.....	do.....	45.00	.....	.....	45.00
A. R. Hamilton.....	do.....	69.00	.....	.....	69.00
Jno. B. Handy.....	do.....	45.00	.....	.....	45.00
Wm. H. Hardy.....	do.....	45.00	.....	.....	45.00
R. T. Hurdle.....	do.....	45.00	.....	.....	45.00
M. Manning.....	do.....	45.00	.....	.....	45.00
T. J. Marshall.....	do.....	42.00	.....	.....	42.00
Todd Mozee.....	do.....	33.00	.....	.....	33.00
Albert Parker.....	do.....	43.50	.....	.....	43.50
H. T. Sinclair.....	do.....	196.50	.....	.....	196.50
C. W. Thompson.....	do.....	45.00	.....	.....	45.00
Morris Volkmar.....	do.....	45.00	.....	.....	45.00
G. F. Welch.....	do.....	19.50	.....	.....	19.50
Chas. Wesley.....	do.....	22.50	.....	.....	22.50
Jno. Williams.....	do.....	45.00	.....	.....	45.00

Total amount paid for salaries in Washington under above appropriation, \$71,757.15.

Expenditures of the Division of Publications, Department of Agriculture, etc.—Continued.

STATIONERY.

Name.	Amount.	Name.	Amount.
R. Carter Ballantyne	\$525.00	D. F. Parker.....	\$100.50
Samuel Cupples Envelope Co.....	193.02	W. L. Swayze.....	510.58
H. C. Davison & Co.....	21.60	Union Envelope Co.....	100.16
E. Morrison Paper Co.....	15.90	United States Envelope Co.....	7,105.42

Total amount paid for stationery under above appropriation, \$8,572.18.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

H. Baumgarten.....	\$4.00	Lansburgh Bros.....	\$16.90
C. Becker.....	22.93	Geo. Meier Co.....	240.00
Ernest Betz.....	3.00	W. B. Moses & Sons.....	6.63
Church & Stephenson.....	295.25	C. A. Muddiman & Co.....	17.50
Saml. Bensinger.....	5.00	National Electric Supply Co.....	26.00
P. E. Crowl Co.....	32.35	J. P. Nawrath.....	239.77
M. Du Perow.....	8.48	The Okonite Co.....	32.35
Eberhard Faber.....	3.50	Oliver Typewriter Co.....	1.65
C. R. Edmonston.....	2.00	A. C. Rowe.....	48.00
The Elliott Co.....	4.20	Rudolph, West & Co.....	92.97
J. B. Espey.....	1.68	W. H. Rupp Co.....	3.80
The Eureka Rubber Mfg. Co.....	8.00	Chas. Shore.....	12.25
I. S. Goldsmith Co.....	12.00	Thos. W. Smith.....	1,774.56
Harris Shafer Co.....	6.40	Thos. Somerville & Sons.....	1.79
Louis Hartig.....	1.45	Jos. Thompson.....	16.01
E. P. Hazleton.....	1.80	Thos. E. Trazzare.....	65.50
W. H. Hoeke.....	17.17	Wire Goods Co.....	12.00
S. D. Houck.....	4.00	Woodward & Lothrop.....	11.52
Albert Kahler & Co.....	38.80	Yawman & Erbe.....	128.90
G. W. Knox Express Co.....	12.50	J. B. Lambie, (Incorporated).....	80.15
Lamb & Tilden.....	48.58		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$3,361.34.

FURNITURE.

Library Bureau.....	\$12.00	Woodward & Lothrop.....	\$113.48
W. B. Moses & Sons.....	415.53		

Total amount paid for furniture under above appropriation, \$541.01.

TELEPHONE.

E. J. Bashford.....	\$6.00	Chesapeake and Potomac Telephone Co.....	\$53.74
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Total amount paid for telephone under above appropriation, \$59.74.

RENT.

W. H. H. Allen and C. W. Ricketts..	\$833.34	Chas. W. Pickford.....	\$833.33
W. A. Brown.....	600.00	Tyler & Rutherford (Incorporated) ..	699.97
J. Harrison Johnson & Son.....	250.00	J. H. Walter, agent.....	916.66
F. G. Nolte.....	210.50	Washington Safe Deposit Co.....	10.00

Total amount paid for rent under above appropriation, \$4,353.80.

GAS AND ELECTRICITY.

Potomac Electric Power Co.....	\$316.17	Washington Gas-Light Co.....	\$34.60
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Total amount paid for gas and electricity under above appropriation, \$350.77.

Total amount of several groups under the above appropriation, "General Expenses, Division of Publications (labor and material)," \$88,995.99.

Unexpended balance, \$4.01.

Correct balance \$14.36, difference of \$10.35 due to error in separating vouchers to get the several classes of expenditures which lack of time prevented locating.

Expenditures of the Division of Publications, Department of Agriculture, etc.—Continued.

[Appropriation: General expenses, Division of Publications (Labor and material, etc.), 1904-5, \$1,000.]
STATIONERY.

Name.	Amount.	Name.	Amount.
United States Envelope Co.....	\$21.00		

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

C. Becker.....	\$3.25	R. C. M. Burton & Son.....	\$63.60
Underwood Typewriter Co.....	87.50		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$154.35.

FURNITURE.

Library Bureau.....	\$140.00	Woodward & Lothrop.....	\$58.71
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Total amount paid for furniture under above appropriation, \$198.71.

TELEGRAPH.

Western Union Telegraph Co.....	\$1.51	Postal Telegraph Co.....	\$0.76
Postal Telegraph-Cable Co.....	.21		

Total amount paid for telegraph under above appropriation, \$2.48.

TELEPHONE.

Chesapeake and Potomac Telephone Co.....	\$45.00		
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GAS AND ELECTRICITY.

Washington Gaslight Co.....	\$9.10		
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Total amount of several groups under the above appropriation, "General Expenses, Division of Publications (labor and material, 1904-5)," \$430.64.
Unexpended balance, \$509.36.

Recapitulation of the several appropriations for the Division of Publications, as distributed among the following groups, and the total expenditures under each.

Statutory salaries.....	\$30,128.86
Lump-fund salaries in Washington.....	96,470.60
Stationery.....	8,593.18
Miscellaneous supplies and services, equipment, books, apparatus, machinery, and laboratory materials of all kinds.....	6,192.58
Furniture.....	739.72
Freight.....	.75
Express.....	10.55
Telegraph.....	2.94
Telephone.....	104.74
Rent.....	4,353.80
Gas and electricity.....	359.87
Traveling expenses.....	52.95
Printing.....	92,065.39
Total for entire Division of Publications.....	239,075.93
Total of all appropriations for Division of Publications.....	240,640.00
Total expenditures under the above groups.....	239,075.93
	1,564.07
Difference due to error, as previously explained.....	10.35
Unexpended balance.....	1,574.42

Expenditures of the Bureau of Statistics, Department of Agriculture, for the fiscal year ended June 30, 1905.

[Appropriation: Bureau of Statistics, salaries, 1905, \$57,760.]

STATUTORY SALARIES, TRAVELING EXPENSES, AND STATION AND FIELD EXPENSES.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
John Hyde.....	Statistician and chief of Bureau.	\$3,499.99	\$638.72	.....	\$4,138.71
S. D. Fessenden.....	Assistant statistician.....	2,200.00	.....	.....	2,200.00
G. K. Holmes.....	Chief division foreign markets.	2,500.00	.....	.....	2,500.00
C. C. Clark.....	Chief clerk.....	1,800.00	646.78	.....	2,446.78
Bertha Burch.....	Clerk class 4.....	1,800.00	.....	.....	1,800.00
F. R. Rutter.....	do.....	1,795.00	35.85	.....	1,830.85
R. E. Smith.....	do.....	1,800.00	.....	.....	1,800.00
I. W. Stone.....	do.....	1,800.00	.....	.....	1,800.00
F. J. Blair.....	Clerk class 3.....	191.10	237.55	.....	428.65
J. L. Watkins.....	do.....	1,377.72		.....	1,377.72
J. R. Covert.....	do.....	1,600.00	.....	.....	1,600.00
J. G. Pepper.....	do.....	1,600.00	.....	.....	1,600.00
T. C. Holloway.....	do.....	1,315.56	602.09	.....	2,007.65
Middleton Smith.....	do.....	284.45	439.13	.....	723.58
E. S. Thompson.....	do.....	986.70	46.00	.....	986.70
E. G. Ward, jr.....	do.....	599.97		.....	645.97
E. G. Latham.....	Clerk class 2.....	1,399.99	.....	.....	1,399.99
Clara O'Donoghue.....	do.....	1,399.99	.....	.....	1,399.99
M. F. Safford.....	do.....	1,399.99	.....	.....	1,399.99
J. J. Schaake.....	do.....	1,399.99	.....	.....	1,399.99
Flora Schmidt.....	do.....	1,399.99	.....	.....	1,399.99
H. R. Smedes.....	do.....	1,399.99	.....	.....	1,399.99
F. J. Blair.....	Clerk class 1.....	1,056.67	.....	.....	1,056.67
E. J. Lundy.....	do.....	143.33	.....	.....	143.33
M. S. Bowie.....	do.....	1,200.00	.....	.....	1,200.00
F. C. Cooney.....	do.....	1,200.00	.....	.....	1,200.00
C. B. Finckel.....	do.....	1,200.00	.....	.....	1,200.00
C. P. Fletcher.....	do.....	1,200.00	.....	.....	1,200.00
A. M. Houser.....	do.....	1,200.00	.....	.....	1,200.00
W. M. King.....	do.....	1,146.67	.....	.....	1,146.67
A. H. Love.....	do.....	1,193.33	.....	.....	1,193.33
V. K. Wharton.....	do.....	1,103.33	.....	.....	1,103.33
S. G. Adams.....	Clerk at \$1,000.....	1,000.00	.....	.....	1,000.00
Frank Andrews.....	do.....	1,000.00	25.35	.....	1,025.35
R. B. Blankman.....	do.....	883.30	.....	.....	883.30
Lillian Burch.....	do.....	1,000.00	.....	.....	1,000.00
H. E. Gray.....	do.....	997.22	.....	.....	997.22
S. E. Jenkins.....	do.....	1,000.00	.....	.....	1,000.00
E. J. Lundy.....	do.....	880.55	.....	.....	880.55
L. M. Rice.....	do.....	119.44	.....	.....	119.44
F. A. Reynolds.....	do.....	1,000.00	.....	.....	1,000.00
Sara Skinner.....	do.....	1,000.00	.....	.....	1,000.00
M. L. Wood.....	do.....	1,000.00	.....	.....	1,000.00
Geo. Emms.....	Clerk at \$840.....	665.00	.....	.....	665.00
E. W. Price.....	do.....	700.00	.....	.....	700.00
L. M. Rice.....	do.....	639.34	.....	.....	639.34
H. H. Walters.....	do.....	840.00	.....	.....	840.00

Total amount paid for salaries under above appropriation, \$56,918.61.
Unexpended balance, \$841.39.

2-16-09

Expenditures of the Bureau of Statistics, Department of Agriculture, etc.—Continued.

[Appropriation: General expenses, Bureau of Statistics, 1905, \$50,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
E. S. Holmes.....	Associate statistician at \$3,000.	\$2,825.00	\$1,019.30	.....	\$3,844.30
V. H. Olmsted.....	Chief of division.....	2,800.00	.....	.....	.....
C. E. Edgerton.....	Statistical assistant.....	2,500.00	344.43	.....	2,844.43
C. M. Daugherty.....	Editorial assistant, at \$2,300.	1,725.00	526.59	.....	2,251.59
E. D. Yerby.....	Assistant, at \$2,000.....	1,999.99	.....	.....	.....
E. T. Peters.....	Compiler, at \$7 per diem.....	399.00	378.64	.....	777.64
J. H. Blodgett.....	Clerk, at \$1,800.....	1,790.00	.....	.....	.....
G. R. Ferguson.....	do.....	1,800.00	.....	.....	.....
T. B. Harrison.....	do.....	300.00	.....	.....	.....
C. A. Leith.....	do.....	1,800.00	.....	.....	.....
D. W. Stier.....	do.....	1,785.00	.....	.....	.....
Almont Barnes.....	Clerk, at \$1,600.....	1,220.22	.....	.....	.....
I. S. Pennybacker.....	do.....	800.00	.....	.....	.....
Middleton Smith.....	do.....	1,315.56	.....	.....	.....
E. S. Thompson.....	do.....	573.30	.....	.....	.....
J. P. M. Haas.....	Clerk, at \$1,400.....	1,363.98	.....	.....	.....
Leulah Rothrock.....	do.....	700.00	.....	.....	.....
M. E. Shanahan.....	do.....	762.16	.....	.....	.....
M. M. Ingram.....	Clerk, at \$1,300.....	1,292.78	.....	.....	.....
H. L. Vining.....	do.....	1,236.81	.....	.....	.....
E. L. Clark.....	Clerk, at \$1,200.....	1,200.00	.....	.....	.....
H. C. Graham.....	do.....	1,200.00	.....	.....	.....
A. M. Wright.....	do.....	1,190.00	.....	.....	.....
Celena Walden.....	do.....	1,200.00	.....	.....	.....
L. M. Jones.....	Clerk, at \$1,100.....	1,099.99	.....	.....	.....
S. W. Halsey.....	Clerk, at \$840.....	693.00	.....	.....	.....
Abbie F. Hill.....	Clerk and special agent, at \$600.	25.00	.....	.....	.....
Eva V. Heth.....	Student assistant, at \$300.....	75.00	.....	.....	.....
L. L. Holmes.....	do.....	185.84	.....	.....	.....
J. J. Wharton.....	Messenger, at \$840.....	840.00	.....	.....	.....
N. W. Brent.....	do.....	725.67	.....	.....	.....
S. C. Alexander.....	Laborer, at \$720.....	714.00	.....	.....	.....
N. P. Ballard.....	do.....	662.00	.....	.....	.....
R. L. Connor.....	do.....	570.00	.....	.....	.....
Gertrude Fisher.....	do.....	720.00	.....	.....	.....
C. M. Lancaster.....	do.....	716.00	.....	.....	.....
W. D. Lee.....	do.....	720.00	.....	.....	.....
Esther Noah.....	do.....	660.00	.....	.....	.....
M. R. Peirce.....	do.....	720.00	.....	.....	.....
Nettie Phillips.....	do.....	710.00	.....	.....	.....
M. W. Powell.....	do.....	720.00	.....	.....	.....
E. C. Sammis.....	do.....	720.00	.....	.....	.....
E. G. Woodward.....	do.....	326.00	.....	.....	.....
F. P. Collins.....	Laborer, at \$600.....	600.00	.....	.....	.....
H. F. Copland.....	do.....	596.67	.....	.....	.....
E. G. Nye.....	do.....	511.67	.....	.....	.....
May Jones.....	Laborer, at \$540.....	540.00	.....	.....	.....
John Peabody.....	do.....	540.00	.....	.....	.....
W. B. Swingle.....	do.....	45.00	.....	.....	.....
Christine Dietz.....	Laborer, at \$480.....	480.00	.....	.....	.....
J. Tinney.....	do.....	300.00	.....	.....	.....
V. F. Barghauser.....	Carpenter, at \$3 per diem.....	27.00	.....	.....	.....
Chas. Freedman.....	Carpenter, at \$3.50 per diem.....	227.50	.....	.....	.....
John Caldwell.....	Painter, at \$3.20 per diem.....	122.80	.....	.....	.....
T. F. Jones.....	do.....	44.80	.....	.....	.....
W. L. Phillips.....	Painter, at \$3 per diem.....	78.00	.....	.....	.....
G. F. Welch.....	Laborer, at \$1.50 per diem.....	37.50	.....	.....	.....

Total amount paid for lump-fund salaries in Washington under above appropriation, \$49,532.24.
Unexpended balance, \$467.76.

[Appropriation: General expenses, Bureau of Statistics, 1905, \$82,000.]

[Outside Washington.]

B. C. White.....	Specialfield agent, at \$8 per diem	\$2,520.00	\$2,417.60	.....	\$4,937.60
H. M. Creel.....	Special field agent, at \$7 and \$7.50 per diem.	2,327.00	1,861.81	.....	4,188.81
T. B. Baldwin.....	Specialfield agent, at \$7 per diem	2,163.00	2,107.43	.....	4,270.43
J. S. Charlton.....	do.....	2,149.00	2,303.36	.....	4,452.36
J. J. Darg.....	do.....	2,170.00	2,367.87	.....	4,537.87
DeLancey Evans.....	do.....	2,142.00	1,601.72	.....	3,743.72

Expenditures of the Bureau of Statistics, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Nat C. Murray.....	Specialfield agent, at \$5 per diem	\$1, 415.00	\$1, 406.50	.....	\$2, 821.50
T. C. Shaw.....	Specialfield agent, at \$4 per diem	1, 132.00	1, 537.83	.....	2, 669.83
C. M. Daugherty.....	Editorial assistant, at \$2.300..	575.00	.....	.....	575.00
J. E. Rickards.....	Special agent, at \$9 per diem..	2, 781.00	16.30	.....	2, 797.30
E. T. Peters.....	Compiler, at \$7 per diem.....	1, 431.50	.....	.....	1, 431.50
W. P. Walsh.....	Special agent, at \$10.50 per diem	241.50	61.43	.....	302.93
L. M. Erskine.....	Special agent, at \$600.....	100.00	.....	.....	100.00
Henry Plauché.....	do.....	550.00	.....	.....	550.00
T. P. Cooper.....	Special agent, at \$40 per month.	480.00	.....	.....	480.00
H. R. Danielson.....	do.....	480.00	.....	.....	480.00
E. L. Hacking.....	do.....	180.00	.....	.....	180.00
F. B. Headley.....	do.....	300.00	.....	.....	300.00
C. Bollinger.....	Special agent, at \$300.....	300.00	.....	.....	300.00
L. F. Sloan.....	do.....	300.00	.....	.....	300.00
W. E. Acosta.....	Special agent, at \$240.....	220.00	.....	.....	220.00
J. L. Cantwell.....	do.....	240.00	.....	.....	240.00
Henry Hawkins.....	do.....	240.00	.....	.....	240.00
W. O. H. Shepard.....	do.....	20.00	.....	.....	20.00
Oscar Carlson.....	Special agent, at \$20 per month.	20.00	.....	.....	20.00
J. C. Clifford.....	do.....	20.00	.....	.....	20.00
F. Fligge.....	do.....	20.00	.....	.....	20.00
H. Henderson.....	do.....	20.00	.....	.....	20.00
Pat. Heffernan.....	do.....	20.00	.....	.....	20.00
F. C. Hibbard.....	do.....	20.00	.....	.....	20.00
W. H. Holden.....	do.....	20.00	.....	.....	20.00
Geo. Lyman.....	do.....	20.00	.....	.....	20.00
Herman Marks.....	do.....	20.00	.....	.....	20.00
H. E. Meehl.....	do.....	20.00	.....	.....	20.00
C. H. Middleton.....	do.....	20.00	.....	.....	20.00
J. Myhuold.....	do.....	20.00	.....	.....	20.00
N. H. Nelson.....	do.....	20.00	.....	.....	20.00
C. O. Nichols.....	do.....	20.00	.....	.....	20.00
J. W. Pike.....	do.....	20.00	.....	.....	20.00
Matt. Rassmussen.....	do.....	20.00	.....	.....	20.00
M. T. Rassmussen.....	do.....	20.00	.....	.....	20.00
Simeon Rassmussen.....	do.....	20.00	.....	.....	20.00
A. O. Sandvold.....	do.....	20.00	.....	.....	20.00
C. J. Spong.....	do.....	20.00	.....	.....	20.00
H. Snyder.....	do.....	20.00	.....	.....	20.00
R. I. Steen.....	do.....	20.00	.....	.....	20.00
C. E. Taylor.....	do.....	20.00	.....	.....	20.00
Hyland Taylor.....	do.....	20.00	.....	.....	20.00
Jefferson Johnson.....	State statistical agent, at \$1.100.	91.67	.....	.....	91.67
Oswald Wilson.....	do.....	1, 008.33	.....	.....	1, 008.33
T. J. Anderson.....	State statistical agent, at \$800.	800.00	.....	.....	800.00
John Connie.....	do.....	800.00	.....	.....	800.00
W. C. Duncan.....	do.....	800.00	.....	.....	800.00
S. K. Harwood.....	do.....	800.00	.....	.....	800.00
W. W. Miller.....	do.....	800.00	.....	.....	800.00
W. J. Norten.....	State statistical agent, at \$720.	720.00	.....	.....	720.00
F. E. Dawley.....	State statistical agent, at \$700.	700.00	.....	.....	700.00
L. T. Moulton.....	do.....	700.00	.....	.....	700.00
P. A. Rogers.....	do.....	700.00	.....	.....	700.00
W. G. Whitmore.....	do.....	700.00	.....	.....	700.00
S. Arthur Knapp.....	State statistical agent, at \$660.	660.00	.....	.....	660.00
C. D. Boardman.....	State statistical agent, at \$600.	600.00	.....	.....	600.00
E. E. Kaufman.....	do.....	600.00	.....	.....	600.00
M. T. Lightner.....	do.....	600.00	.....	.....	600.00
G. L. Merriman.....	do.....	600.00	.....	.....	600.00
C. H. Morse.....	do.....	600.00	.....	.....	600.00
E. F. Scherbel.....	do.....	600.00	.....	.....	600.00
R. H. Thomas.....	do.....	600.00	.....	.....	600.00
E. M. Hemphill.....	State statistical agent, at \$550.	550.00	.....	.....	550.00
J. H. Lane.....	do.....	550.00	.....	.....	550.00
C. W. Allen.....	State statistical agent, at \$500.	500.00	.....	.....	500.00
F. E. Brooks.....	do.....	500.00	.....	.....	500.00
C. W. Burkett.....	do.....	500.00	.....	.....	500.00
J. J. Corley.....	do.....	500.00	.....	.....	500.00
H. W. Desgranges.....	do.....	500.00	.....	.....	500.00
McK. R. Todd.....	do.....	500.00	.....	.....	500.00
H. T. Bradford.....	State statistical agent, at \$450.	450.00	.....	.....	450.00
A. M. Hawley.....	do.....	450.00	.....	.....	450.00
J. A. Hayden.....	do.....	450.00	.....	.....	450.00
G. W. Perry.....	do.....	450.00	.....	.....	450.00
S. J. Seal.....	do.....	450.00	.....	.....	450.00
Harry Yaeger.....	do.....	450.00	.....	.....	450.00
William Nelson.....	State statistical agent, at \$400.	400.00	.....	.....	400.00

Expenditures of the Bureau of Statistics, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
G. E. Adams.....	State statistical agent, at \$300.	\$300.00	.....	.....	\$300.00
J. T. Cox.....	do.....	300.00	.....	.....	300.00
C. L. Gold.....	do.....	300.00	.....	.....	300.00
E. D. Howe.....	do.....	300.00	.....	.....	300.00
E. C. Hutchinson.....	do.....	300.00	.....	.....	300.00
R. S. Matthews.....	do.....	300.00	.....	.....	300.00
Joseph Pinkham.....	do.....	300.00	.....	.....	300.00
D. E. Morton.....	do.....	300.00	.....	.....	300.00
J. J. Rosa.....	do.....	300.00	.....	.....	300.00
H. W. Vail.....	do.....	300.00	.....	.....	300.00
Ed. Wiggins.....	do.....	300.00	.....	.....	300.00

Total amount paid for lump-fund salaries outside of Washington under above appropriation, \$46,854.50.

STATIONERY.

Name.	Amount.	Name.	Amount.
American News Co.....	\$20.35	Old Dominion Paper Co.....	\$10.66
R. P. Andrews & Co. (Incorporated).....	16.00	D. Frank Parker.....	334.21
R. Carter Ballantyne.....	65.58	Fred. A. Schmidt.....	7.00
C. S. Braisted.....	18.86	W. L. Swayze.....	722.06
Samuel Cupples Envelope Co.....	35.75	Swayze, Bailey & Co.....	264.55
Eberhard Faber.....	421.23	Union Envelope Co.....	1,205.64
E. Morrison Paper Co.....	53.43	United States Envelope Co.....	3,064.05

Total amount paid for stationery under above appropriation, \$6,239.37.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

American Asiatic.....	\$3.00	James B. Lambie & Co.....	\$11.91
American Type Founders Co.....	256.28	J. S. Lee.....	2.00
Barber & Ross.....	33.61	Lemcke & Buchner.....	46.80
Frank P. Bennett, jr.....	4.00	Library Bureau.....	205.09
J. E. Beerbohm.....	29.20	Lord & Nagle.....	2.00
Borden & Selleck Co.....	\$20.00	Mackall Bros.....	24.60
Boyd's City Despatch.....	8.00	Macmillan Co.....	10.00
Brooms, brushes, and handles.....	.50	Manhattan Electric Supply Co.....	25.50
Canner and dried fruit packer.....	1.25	William A. May.....	4.26
Capital Paper Box Co.....	55.00	C. J. McCubbin Co.....	26.50
Church & Stephenson.....	141.61	Francis Miller.....	8.96
R. P. Clark Co.....	3.40	Rufus B. Merchant.....	25.50
Comptelburo (Limited).....	10.22	Geo. F. Muth & Co.....	37.58
Pearle E. Crowl Co.....	121.50	National Electrical Supply Co.....	82.50
Joseph L. Crupper.....	6.38	National Railway Publishing Co.....	8.00
William B. Dana Co.....	.60	J. P. Nawrath.....	42.45
Danvers, Anderson & Co.....	7.50	O'Connor & Co.....	5.00
Elgin Dairy Report.....	.50	Oil, Paint, and Drug Reporter.....	7.50
James Elliott & Co.....	\$2.50	Orange Judd Co.....	1.00
Geo. H. Ellis Co.....	3.00	Leo Peterson.....	3.00
Franklin & Co.....	15.00	Public Printer.....	1,024.23
Freight Publishing Co.....	5.00	Railroad Gazette.....	4.20
Fruit World Publishing Co.....	1.00	Railway Agricultural Co.....	4.00
Ginn & Co.....	3.00	Howard C. Rowley.....	2.00
Grocery Trade Publishing Co.....	3.00	Rand, McNally & Co.....	23.00
Curtis Guild & Co.....	4.00	Remington Typewriter Co.....	96.95
Hammond Typewriter Co.....	2.50	Wm. H. Rupp Co.....	12.00
Hampton Normal and Agricultural Institute.....	1.00	Fred. A. Schmidt.....	360.00
Hawaiian Gazette Co.....	2.50	Smith Premier Typewriter Co.....	88.00
D. O. Haynes & Co.....	6.00	Southern Printers' Supply Co.....	475.74
Hoggon & Pettis Manufacturing Co.....	2.40	G. E. Stechert.....	7.00
H. J. M. Howard.....	33.00	The Trade Co.....	2.00
Chas. S. Jenkins.....	110.00	Tuttle, Morehouse & Taylor Co.....	3.00
Journal of Commerce and Commercial Bulletin.....	17.01	Underwood Typewriter Co.....	82.50
Kellogg Switchboard and Supply Co.....	8.75	University of Chicago Press.....	5.00
Louisiana Planters and Sugar Manufacturers Co.....	3.00	Washington City post-office.....	250.00
Lamb & Tilden.....	14.03	Rudolph, West & Co.....	117.08
		Willett & Gray.....	15.00
		Yawman & Erbe Manufacturing Co.....	205.00

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$5,206.31.

Expenditures of the Bureau of Statistics, Department of Agriculture, etc.—Continued.

FURNITURE.

Name.	Amount.	Name.	Amount.
Art Metal Construction Co.....	\$257.80	W. B. Moses & Sons.....	\$969.01
Giddings & Steele.....	24.48	Woodward & Lothrop.....	493.97

Total amount paid for furniture under above appropriation, \$1,745.26.

FREIGHT.

I. P. Roosa.....	\$8.70		
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Total amount paid for freight under above appropriation, \$8.70.

EXPRESS.

Adams Express Co.....	\$5.10	United States Express Co.....	\$2.03
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Total amount paid for express under above appropriation, \$7.13.

TELEGRAPH.

Postal Telegraph Co.....	\$43.26	Western Union Telegraph Co.....	\$369.78
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Total amount paid for telegraph under above appropriation, \$413.04.

TELEPHONE.

Chesapeake and Potomac Co.....	\$36.00		
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Total amount paid for telephone under above appropriation, \$36.

TRAVELING EXPENSES.

Frank Andrews.....	\$25.35	E. S. Holmes.....	\$1,019.30
T. B. Baldwin.....	2,107.43	John Hyde.....	638.72
F. J. Blair.....	237.55	Nat C. Murray.....	1,406.50
C. C. Clark.....	646.78	E. T. Peters.....	378.64
J. S. Charlton.....	2,303.36	J. E. Rickards.....	16.30
H. M. Creel.....	1,861.81	Frank R. Rutter.....	35.85
J. J. Darg.....	2,357.87	T. C. Shaw.....	1,537.83
C. M. Daugherty.....	322.04	Middleton Smith.....	439.13
C. E. Edgerton.....	344.43	W. P. Walsh.....	61.43
De Lancey Evans.....	1,601.72	E. G. Ward, jr.....	13.00
T. C. Holloway.....	692.09	B. C. White.....	2,417.60

Total amount paid for traveling expenses under above appropriation, \$20,474.73.

Total amount of several groups under the above appropriation, \$130,517.28.

Unexpended balance, \$1,482.72.

[Appropriation: General expenses, Bureau of Statistics, 1905 (foreign markets), \$7,500.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Leulah Rothrock.....	Clerk, at \$1,400	\$641.69			
I. M. Rubinow.....	do.....	1,337.84			
A. G. Masius.....	Compiler, at \$5 per diem ..	565.00			
M. C. Flenniken.....	Laborer, at \$600	106.67			
B. B. Lederer.....	do.....	600.00			
L. E. Sartor.....	do.....	600.00			
B. E. Powell.....	Charwoman.....	480.00			

Total amount paid for salaries under the above appropriation, \$4,331.20.

Expenditures of the Bureau of Statistics, Department of Agriculture, etc.—Continued.

STATIONERY.

Name.	Amount.	Name.	Amount.
United States Envelope Co.....	\$615.00	Union Envelope Co.....	\$132.97

Total amount paid for stationery under above appropriation, \$747.97.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Barrick Publishing Co.....	\$3.00	Burroughs Adding Machine Co.....	\$750.00
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Total amount paid for miscellaneous supplies, etc., under above appropriation, \$753.

TRAVELING EXPENSES.

C. M. Daugherty.....	\$204.55	E. G. Ward, jr.....	\$33.00
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Total amount paid for traveling expenses under above appropriation, \$237.55.

Total amount of the several groups under the above appropriation, \$6,069.72.

Unexpended balance, \$1,430.28.

Recapitulation of the several appropriations for the Bureau of Statistics, as distributed among the following groups, and the total expenditures under each.

Statutory salaries.....	\$56,918.61
Lump-fund salaries in Washington.....	53,863.44
Lump-fund salaries outside of Washington.....	46,854.50
Stationery.....	6,987.34
Miscellaneous supplies and services, equipment, books, apparatus, machinery, and laboratory materials of all kinds.....	5,959.31
Furniture.....	1,745.26
Freight.....	8.70
Express.....	7.13
Telegraph.....	413.04
Telephone.....	36.00
Traveling expenses.....	20,712.28

Total for entire Bureau of Statistics..... 193,505.61

Total amount of all appropriations..... 197,260.00

Total expenditures..... 193,505.61

Unexpended balance..... 3,754.39

Expenditures of the Library, Department of Agriculture, for the fiscal year ended June 30, 1905.

[Appropriation: Library, salaries, 1905, \$10,200.]

STATUTORY SALARIES, TRAVELING EXPENSES, AND STATION AND FIELD EXPENSES.

Name.	Title.	Salary.	The two items below were paid from lump funds.		Total.
			Traveling expenses.	Reimbursement for station and field expenses.	
J. A. Clark.....	Librarian.....	\$1,999.99	\$444.01	.....	\$2,444.00
C. R. Barnett.....	Assistant librarian.....	1,399.99	71.75	.....	1,471.74
M. A. S. Coleman.....	Clerk.....	1,200.00	.....	.....	.....
E. B. Hawks.....	Cataloguer.....	1,200.00	.....	.....	.....
E. L. Ogden.....	.....	1,000.00	.....	.....	.....
H. M. Thompson.....	do.....	1,000.00	.....	.....	.....
A. R. Knapp.....	Clerk.....	840.00	.....	.....	.....
G. E. Upton.....	do.....	840.00	.....	.....	.....
Moses Smith.....	Messenger.....	720.00	.....	.....	.....

Total amount paid for salaries under above appropriation, \$10,199.98.

Unexpended balance, \$0.02.

Expenditures of the Library, Department of Agriculture, etc.—Continued.

[Appropriation: General expenses for Department Library, 1905, \$10,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
J. F. Barghausen.....	Carpenter.....	\$18.00			
M. G. Lacy.....	Student assistant.....	32.50			
M. S. McIntyre.....	do.....	63.33			
C. S. Menagh.....	Messenger boy.....	166.00			
W. S. Orton, jr.....	Laborer.....	200.00			
K. K. Rozzelle.....	Messenger boy.....	180.00			
M. L. Sewall.....	Clerk.....	1,000.00			

Total amount paid for salaries in Washington under above appropriation, \$1,659.83.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
American Aberdeen Angus Breeders' Association.....	\$6.00	Journal of Experimental Medicine...	\$5.00
American Field Publishing Co.....	2.00	W. Junk.....	42.30
American Horse Show Blue Book Co.....	10.00	F. H. King.....	.50
American Library Association Publishing Board.....	49.19	Geo. T. King.....	23.20
American Pharmaceutical Association.....	5.00	Paul Klncksieck.....	67.20
Wm. Ballantyne & Son.....	335.48	K. F. Koehler's Antiquarium.....	92.89
Beet Sugar Gazette Co.....	4.50	Julius Kuhlman.....	2.00
Bit and Spur Publishing Co.....	1.00	Ed. Lampe (curator).....	8.31
P. Blakiston's Son & Co.....	50.50	James Law.....	20.00
Emil Borgman.....	.62	Law Reporter Co.....	.45
R. R. Bowker.....	19.11	Lawyers' Cooperative Publishing Co.....	18.00
Brentano's.....	53.23	Lemcke & Buechner.....	447.42
Stewardson Brown.....	2.50	H. Léveillé.....	10.00
Wm. Brown.....	1.56	C. F. Libbie & Co.....	11.08
California Fruitgrower.....	2.00	Library Bureau.....	119.10
A. J. Campbell.....	4.20	Longmans, Green & Co.....	33.00
Carnegie Institution.....	5.00	Lord & Nagle.....	3.00
S. E. Cassino.....	2.64	W. H. Lowdermilk & Co.....	544.60
T. H. Castor & Co.....	52.16	L. W. Mathewson.....	41.75
Arthur H. Clark Co.....	16.50	Levi W. Mengel.....	2.00
H. Clavareau.....	5.00	Modern Mexico.....	2.00
Willard N. Clute & Co.....	1.50	F. M. Morris.....	3.00
Cooper Ornithological Club.....	1.00	Noah F. Morrison.....	1.35
Geo. F. Cram.....	10.50	Municipal Journal Publishing Co.....	3.00
W. P. Cutter.....	.80	E. Naegle.....	10.00
Felix L. Dames.....	54.48	National Geographic Society.....	3.75
R. Davis.....	1.00	National Railway Publishing Co.....	8.00
Mary A. Day.....	.45	Nebraska Farmer Co.....	1.50
T. J. Dwyer & Co.....	.50	New England Botanical Club.....	1.00
Electrical World and Engineer.....	.60	New York Book Mart.....	5.50
Charles Evans.....	15.00	Nickerson & Collins Co.....	5.00
B. W. Evermann.....	.80	Edward J. Nolan.....	2.50
Field and Farm.....	2.00	Open Court Publishing Co.....	4.00
T. J. Fitzpatrick & Co.....	2.28	Out West Magazine Co.....	2.00
Florists' Exchange.....	2.05	Paul Parey.....	58.91
Forest and Stream Publishing Co.....	1.00	H. C. Patterson.....	6.00
R. Friedländer & Sohn.....	163.05	Plant World.....	1.00
Gaylord Bros.....	1.50	Poor's Railroad Manual Co.....	10.00
Goodspeeds' Book Shop.....	2.25	G. A. Poynder.....	8.74
A. Goossens.....	11.58	Railway Equipment and Publishing Co.....	1.00
Gray Herbarium (Harvard University).....	115.50	Reliable Poultry Journal Publishing Co.....	2.50
Haight & Co.....	2.50	Samuel N. Rhoades.....	6.75
Hale Publishing Co.....	1.30	Herbert W. Rowe.....	15.50
S. E. Hendricks & Co.....	7.00	Rural New Yorker.....	1.00
E. W. D. Holway.....	2.00	R. H. Sands.....	20.00
Horticultural Society of New York.....	2.00	W. B. Saunders & Co.....	29.00
E. Hutchins.....	10.00	Scientific American Club.....	14.25
Irrigation Age.....	1.00	J. D. Seabrook.....	4.14
Charles Johnson.....	5.00	Annie M. Smith.....	1.00
		Smithsonian Institution.....	37.95
		Spon & Chamberlain.....	31.20

Expenditures of the Library, Department of Agriculture, etc.—Continued.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, ETC.—Continued.

Name.	Amount.	Name.	Amount.
Statute Law Book Co.....	\$42.00	University of Chicago Press.....	\$7.13
G. E. Stechert & Co.....	2,264.74	University of Pennsylvania Press....	2.00
H. M. Suter Publishing Co.....	1.25	University Publishing Co. (Nebraska)	3.00
W. L. Swayze.....	116.00	Webb Publishing Co.....	1.75
L. Fayette Sykes.....	.25	Wm. Weld Co.....	10.00
H. F. Taft.....	15.00	Wm. Wesley & Son.....	1,387.97
R. W. L. Tibbits.....	6.00	West Publishing Co.....	718.15
Tilton Publishing Co.....	5.00	James T. White & Co.....	8.00
Tobacco Leaf Publishing Co.....	5.00	John Wiley & Sons.....	7.88
Torrey Botanical Club.....	1.00	Woodward & Lothrop.....	4.05
Alessandro Trotter.....	6.00	The Woodworker.....	4.00
L. M. Underwood.....	12.02		

Total amount paid for miscellaneous supplies, books, etc., under above appropriation, \$7,468.36.

TRAVELING EXPENSES.

J. A. Clark.....	\$444.01	C. R. Barnett.....	\$71.75
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Total amount paid for traveling expenses under above appropriation, \$515.76.

Total amount of appropriation.....	\$10,000.00
Sale of card index.....	16.03
Total appropriation available.....	10,016.03
Total expenditures under several groups.....	9,643.95
Unexpended balance.....	372.08

Recapitulation of the several appropriations for the library, as distributed among the following groups, and the total expenditures under each.

Statutory salaries.....	\$10,199.98
Lump fund salaries in Washington.....	1,659.83
Miscellaneous supplies and services, equipment, books, apparatus, machinery, and laboratory materials of all kinds.....	7,468.36
Traveling expenses.....	515.76
Total for entire library.....	19,843.93
Total amount of appropriations.....	20,216.03
Total expenditures.....	19,843.93
Unexpended balance.....	372.10

PROJECTS.

The principal projects conducted by the library during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

Cataloguing and indexing.

Over 4,000 books and pamphlets were added to the library and catalogued, full author and subject cards having been made for each, thus adding more than 20,000 cards to the catalogue of the library. A catalogue in book form of all the entomological works in the library was prepared. This volume is a valuable contribution to the bibliography of entomology and is the third volume in the series of printed subject catalogues.

The scope of indexing department publications and other agricultural publications was extended. Nearly half a million (462,375) cards were printed and distributed to agricultural colleges and experiment stations and to public libraries. This is a convenient and up-to-date key to the Department publications and valued by the libraries receiving our publications.

Four persons are employed in cataloguing and indexing, with salaries aggregating \$3,880.

Periodicals and exchanges.

The number of agricultural and technical scientific periodicals purchased was 529, the number received as gifts and exchanges was 3,290, making a total of 3,819 separate publications of this class of accessions. As these publications are issued in numbers, daily, weekly, monthly, etc., the numbers handled in keeping the record of each amounted to 20,768. About 10,000 of these numbers were received from foreign countries in exchange for Department publications. Renewed efforts were made to acquire by purchase and especially by exchange, as many scientific periodicals as possible, this being the current literature of most value in connection with the work of the Department.

Two persons were in charge of the receipt, loaning and filing of these periodicals, at salaries aggregating \$1,840.

Binding.

Special effort was made to bind more volumes which are in constant use, particularly periodicals. The number of volumes prepared and sent to the bindery was 1,940. This work involves the handling of thousands of separate parts in making up the number of volumes stated.
One clerk was in charge of the binding at a salary of \$1,000.

Loan and reference work.

On account of the distant location of many bureaus and divisions from the library, the loaning of books and pamphlets was greatly increased. During the year 13,759 such loans were recorded at the loan desk. Telephone communications with all bureaus and divisions increased the demands upon this desk very greatly, of which it was impossible to keep an account. All inter-library loans outside the Department are in charge of this desk.

One clerk is in charge of this work at a salary of \$840.

Foreign mailing lists.

Twenty foreign mailing lists of as many bureaus and divisions in the Department were kept in the library. The number of addresses on these lists was approximately 3,414, the same as at present. The number of packages containing Department publications recorded and dispatched by the library, for which postage accounts were also kept, was 46,687.

This work was done by one clerk at a salary of \$720.

Expenditures of the office of the chief clerk, Department of Agriculture, for the fiscal year ended June 30, 1905.

[Appropriation: Contingent expenses, Department of Agriculture, 1905, \$37,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Geo. A. Carter.....	Painter.....	\$900.00	.....	.....	.....
David A. Collins.....	Bricklayer.....	90.00	.....	.....	.....
James Halley.....	Carpenter.....	1,000.00	.....	.....	.....
Joseph S. Parker.....	Plumber's laborer.....	28.00	.....	.....	.....
Israel Washington.....	Plumber's laborer.....	28.00	.....	.....	.....

Total amount paid for salaries in Washington under above appropriation, \$2,046.

[Outside of Washington.]

I. P. Roosa.....	U. S. dispatch agent.....	\$400.00
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STATIONERY.

Name.	Amount.	Name.	Amount.
American News Co.....	\$38.24	E. S. Newman.....	\$7.50
R. P. Andrews & Co. (Incorporated).....	61.14	Old Dominion Paper Co.....	210.58
R. Carter Ballantyne.....	384.76	D. Frank Parker.....	714.70
J. Baumgarten & Sons.....	5.00	I. P. Roosa.....	20.00
C. S. Braisted.....	85.43	William H. Rupp Co.....	174.50
Brentanos, of Washington.....	1.58	Stockett-Fiske Co.....	2.70
Samuel Cupples Envelope Co.....	18.36	W. L. Swayze.....	1,981.20
H. C. Davison & Co.....	292.40	G. W. Todd & Co.....	3.00
Elliott Fisher Co.....	12.10	D. A. Tower.....	26.30
Eberhard Faber.....	735.25	Underwood Typewriter Co.....	4.50
Hammond Typewriter Co.....	.75	Union Envelope Co.....	94.78
King Paper Co.....	.75	United States Envelope Co.....	83.60
Lamb & Tilden.....	62.23	Valley Paper Co.....	2.70
Library Bureau.....	78.45	P. F. Van Everen.....	2.40
E. Morrison Paper Co.....	9.60	Albert Wolf.....	12.60
J. P. Nawrath.....	109.20	Yawman & Erbe Manufacturing Co.....	110.59

Total amount paid for stationery under above appropriation, \$5,346.89.

*Expenditures of the office of the chief clerk, Department of Agriculture, etc.—Continued.*MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
Addressograph Co.	\$124.01	M. Joyce Engraving Co.	\$86.60
American Automatic Disinfecting Co.	80.10	Wm. M. Justis.	7.50
American Electric Heater Co.	6.49	Albert Kahler & Co.	183.45
American Ice Co.	1,313.98	Kellogg Switchboard and Supply Co.	257.36
R. P. Andrews & Co.	2.50	Geo. W. Knox Express Co.	94.00
E. C. Atkins & Co.	4.19	Wm. H. Lacy.	10.00
L. J. Barber.	4.00	Lamb & Tilden. ....	.85
Barber & Ross.	18.55	James B. Lambie Co. (Incorporated).	98.94
E. L. Barclay.	125.00	Thos. E. Landon.	22.88
Geo. M. Barker.	132.70	M. Lindsay Rubber Co. ....	.40
E. J. Bashford.	16.50	Littlefield, Alvord & Co.	1.00
C. Becker.	101.39	C. J. McCubbin Co.	64.51
Ernest Betz.	138.00	R. McKeynolds' Sons.	57.50
E. F. Brooks Co.	3.50	Mackall Bros.	152.37
Burrell's Press Clipping Bureau.	210.00	Manhattan Electric Supply Co.	4.96
R. C. M. Burton & Son.	151.70	F. P. May & Co.	2.50
Capital Traction Co.	40.00	George Meier Co.	22.10
Elmer H. Catlin & Co.	2.50	Francis Miller.	110.15
Chesapeake and Potomac Tel. Co.	33.50	E. J. Murphy & Co.	2.40
Chicago Herald Co.	33.00	Geo. F. Muth & Co.	403.56
Church & Stephenson.	553.70	Mutual District Messenger Co.	40.00
J. S. J. Clark.	16.50	National Electric Supply Co.	61.44
R. P. Clarke Co.	23.65	National Mortar Co.	43.22
Daniel Condon.	2.50	J. P. Nawrath.	27.18
M. G. Copeland & Co.	4.00	E. S. Newman.	10.00
P. E. Crowl Co.	8.50	I. Newman.	10.26
Densmore Typewriter Co.	45.80	New York Cycle Co.	1.50
Doremus Machine Co.	12.00	Okonite Co. (Limited).	45.00
M. Du Perow.	421.44	Pope Manufacturing Co.	99.30
Wm. H. Dyer.	34.75	Potomac Electric Power Co.	38.00
Chas. R. Edmonston.	55.60	P. G. Reed.	19.80
Elliott Fisher Co.	200.00	Register and Leader Co.	11.70
James Elliott & Co.	60.00	Hugh Reilly.	34.00
J. C. Ergood Co.	194.12	Remington Typewriter Co.	86.15
John B. Espey.	1.00	Rex Sanitary Appliance Co.	60.80
Eureka Rubber Manufacturing Co.	11.25	I. P. Roosa.	56.96
Evening Star Newspaper Co.	13.80	Rudolph, West & Co.	393.24
Forsberg & Murray.	375.38	E. G. Schafer & Co.	37.00
Fort Wayne Electric Works.	8.25	Schondan & Lynch.	74.75
Geo. T. Fritch & Son.	41.25	Theo. Schondan.	42.75
Charles C. Fulton & Co.	15.00	W. S. Sheetz.	7.15
W. M. Galt Co.	1,727.10	Smith Premier Typewriter Co.	12.50
German Daily Gazette Pub. Co.	28.75	R. H. Smith Manufacturing Co.	3.95
J. A. Gibson.	16.00	Smithsonian Institution.	91.60
Gibson Soap Co.	12.00	Thos. Somerville & Sons.	600.85
Fred S. Gichner.	2.55	Gustav E. Stechert & Co.	30.80
Giddings & Steele.	4.08	Jos. Strassburger. ....	.50
Z. D. Gilman.	3.90	J. T. Thompson.	66.45
W. O. Gottwals.	68.10	Tribune Association.	34.00
Hammond Typewriter Co.	5.00	Tribune Company.	33.25
Harris & Shafer Co.	14.05	Underwood Typewriter Co.	12.50
Louis Hartig.	73.27	Universal Register Co.	7.00
Harvard Laundry Co.	1,243.63	E. F. Vermillion.	20.00
P. H. Heiskell, jr., & Co.	24.00	J. T. Walker Sons.	5.75
Agnes Hinton.	2.00	J. S. Warmbath.	3.00
J. I. Holcomb Manufacturing Co.	22.80	Washington city post-office.	1,800.00
H. J. M. Howard.	75.95	Washington Gas Light Co.	35.65
E. J. Hulse.	49.00	Washington Post Co.	23.25
Edward Hurdle.	8.00	Washington Times Co.	18.00
Wm. Seely Hutchinson.	41.00	Washington Wood Working Co.	67.00
Jennings & Scott.	1,234.00	Woodward & Lothrop.	146.23
Journal Newspaper Co.	15.00		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$15,025.79.

FURNITURE.

W. H. Hoeke.	\$165.87	Woodruff Manufacturing Co.	\$11.00
Library Bureau.	92.70	Woodward & Lothrop.	201.40
W. B. Moses & Sons.	704.04	Yawman & Erbe Manufacturing Co.	8.00

Total amount paid for furniture under above appropriation, \$1,183.01.

Expenditures of the office of the chief clerk, Department of Agriculture, etc.—Continued.

FUEL.

Name.	Amount.	Name.	Amount.
Johnson Bros.....	\$5.25	Wm. J. Zeh (Incorporated)	\$8,068.04
Robt. Murphy.....	699.50		

Total amount paid for fuel under above appropriation, \$8,775.79.

FREIGHT.

Baltimore and Ohio Railroad Co.....	\$0.72	Littlefield, Alvord & Co.....	\$0.25
Geo. W. Knox Express Co.....	41.61	I. P. Roosa.....	.95

Total amount paid for freight under above appropriation, \$43.53.

EXPRESS.

Adams Express Co.....	\$32.44	United States Express Co.....	\$166.12
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Total amount paid for express under above appropriation, \$198.56.

TELEGRAPH.

Postal Telegraph-Cable Co.....	\$30.17	Western Union Telegraph Co.....	\$85.01
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Total amount paid for telegraph under above appropriation, \$115.18.

TELEPHONE.

Chesapeake and Potomac Telephone Co.....	\$394.90		
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GAS AND ELECTRICITY.

Potomac Electric Power Co.....	\$1,778.35	Washington Gas Light Co.....	\$327.70
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Total amount paid for gas and electricity under above appropriation, \$2,106.05.

TRAVELING EXPENSES.

S. R. Burch.....	\$44.40	H. H. Mowry.....	\$89.64
Martin Dodge.....	44.65	Milton Whitney.....	47.20
F. L. Evans.....	71.30	Jasper Wilson.....	287.67
Wm. Jeffers.....	15.75	James Wilson.....	222.27
W. M. Hays.....	423.67		

Total amount paid for traveling expenses under above appropriation, \$1,246.55.

Recapitulation of the appropriation for contingent expenses, Department of Agriculture, 1905, as distributed among the following groups, and the total expenditures under each.

Lump fund salaries in Washington.....	\$2,046.00
Lump fund salaries outside of Washington.....	400.00
Stationery.....	5,346.89
Miscellaneous supplies and services, equipment, books, apparatus, machinery, and laboratory materials of all kinds.....	15,025.79
Furniture.....	1,183.01
Fuel.....	8,775.79
Freight.....	43.53
Express.....	198.56
Telegraph.....	115.18
Telephone.....	394.90
Gas and electricity.....	2,106.05
Traveling expenses.....	1,246.55

Total for contingent expenses, Department of Agriculture..... 36,882.25

Unexpended balance, \$117.75.

Expenditures of the Office of Experiment Stations, Department of Agriculture, for the fiscal year ended June 30, 1905.

[Appropriation: Agricultural Experiment Stations (Office of Experiment Stations), 1905, \$40,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
A. C. True.....	Director, at \$3,500.....	\$3,499.99	\$257.32	.....	\$3,757.31
E. W. Allen.....	Assistant director and editor Experiment Station Record, at \$3,000.	3,000.00	961.30	.....	3,961.30
W. H. Beal.....	Chief editorial division, at \$2,500.	2,291.67	771.97	.....	3,063.64
W. H. Evans.....	Chief division of insular stations.	2,250.00	798.37	.....	3,048.37
C. F. Langworthy.....	Nutrition expert and editor, at \$2,250.	468.75	112.41	.....	581.16
J. I. Schulte.....	Scientific assistant, at \$1,800 ..	1,800.00	.....	.....	1,800.00
C. B. Smith.....	do.....	1,522.50	40.97	.....	1,563.47
E. V. Wilcox.....	do.....	1,800.00	157.79	.....	1,957.79
H. W. Lawson.....	Scientific assistant, at \$1,600 ..	1,328.90	.....	.....	1,328.90
D. J. Crosby.....	Assistant in practical agriculture.	1,500.00	363.69	.....	1,863.69
Wm. Henry.....	Proof reader and editorial clerk, at \$1,600.	533.30	.....	.....	533.30
Matthew Steel.....	Scientific aid, at \$480	198.67	.....	.....	198.67
C. E. Johnston.....	Chief clerk.....	1,800.00	.....	.....	1,800.00
F. A. Bartholow.....	Stenographer and typewriter, at \$1,400	816.73	64.55	.....	871.28
Fred. Lees.....	Stenographer and typewriter, at \$1,200.	500.00	.....	.....	500.00
K. A. Nau.....	do.....	1,100.00	.....	.....	1,100.00
M. E. Ryder.....	do.....	1,196.67	.....	.....	1,196.67
M. T. Spethmann.....	do.....	1,196.67	.....	.....	1,196.67
Jessie F. Springer.....	Stenographer and typewriter, at \$1,000.	250.00	.....	.....	250.00
Bertha M. Rowley.....	Stenographer and typewriter, at \$900.	200.00	.....	.....	200.00
M. C. Vance.....	do.....	755.00	63.25	.....	818.25
Wilda M. Daish.....	Stenographer and typewriter, at \$840.	105.00	.....	.....	105.00
Sarah L. Sommers.....	Clerk, at \$1,400	1,399.99	.....	.....	1,399.99
G. A. Harlow.....	Clerk, at \$1,200	700.00	.....	.....	700.00
Thos. B. Griffith.....	Clerk, at \$840	163.33	.....	.....	163.33
R. R. Whittleton.....	Clerk.....	720.00	.....	.....	720.00
J. W. McKericher.....	do.....	600.00	.....	.....	600.00
Nimia Webster.....	Laborer.....	720.00	.....	.....	720.00
Lillie M. Mulligan.....	Laborer, at \$60 per month	720.00	.....	.....	720.00
Edmund Dwyer.....	Laborer, at \$35 per month	42.00	.....	.....	42.00
Mary F. Colbath.....	Messenger, at \$840	315.00	.....	.....	315.00
R. B. Mull.....	Messenger boy, at \$30 per month	30.00	.....	.....	30.00
Arnold Tallent.....	Messenger, boy at \$360	193.00	.....	.....	193.00
Mary Kelly.....	Charwoman.....	480.00	.....	.....	480.00

Total amount paid for salaries in Washington under above appropriation, \$34,197.17.

STATIONERY.

Name.	Amount.	Name.	Amount.
American News Co.	\$2.98	J. P. Nawrath.....	\$17.10
R. P. Andrews & Co. (Incorporated)	36.97	D. Frank Parker.....	7.90
H. C. Davison & Co.....	25.20	F. S. Schmid.....	2.50
G. P. Killian.....	75	W. L. Swayze.....	87.02
E. Morrison Paper Co.....	17.80	Union Envelope Co.....	37.74

Total amount paid for stationery under above appropriation, \$235.96.

*Expenditures of the Office of Experiment Stations, Department of Agriculture, etc.—Continued.*MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
John F. Barghausen.....	\$36.00	S. N. Meyer.....	\$22.50
Andrew Boss.....	50.00	A. L. Moore.....	5.00
John Burton.....	39.00	Geo. F. Muth & Co.....	.80
Mary M. Butler.....	4.50	National Electric Supply Co.....	44.60
Capital Traction Co.....	9.00	C. L. Newman.....	75.00
Thos. J. Chambers.....	45.50	Will B. Otwell.....	1.00
Church & Stephenson.....	139.65	Pasteur Vaccine Co.....	3.00
K. C. Davis.....	40.00	Herman F. Pechin.....	150.00
Jas. Elliott & Co.....	27.50	Wm. L. Phillips.....	16.50
The Elliott Co.....	5.64	Mrs. H. M. Pieters.....	17.00
Eberhard Faber.....	3.50	Public Printer.....	8.89
Peter Fireman.....	172.50	E. J. Pullman.....	1.11
A. B. Graham.....	1.00	Remington Typewriter Co.....	129.35
Henry J. Green.....	1.25	Rudolph, West & Co.....	11.89
Hammond Typewriter Co.....	.50	W. Silas Sheetz.....	30.04
Harris & Shafer Co.....	1.60	Charles Shore.....	4.75
Maurice Joyce Engraving Co.....	4.07	Smith Premier Typewriter Co.....	10.90
O. J. Kern.....	.75	Southern Printers' Supply Co.....	7.85
Lamb & Tilden.....	15.68	G. F. Warren.....	16.00
Jas. B. Lambie & Co.....	.25	Martin Wiegand.....	2.08
Library Bureau.....	53.92	F. W. Woll.....	320.00
Library Publishing Co.....	6.00	Woodward & Lothrop.....	103.84
Jacob G. Lipman.....	75.00	Yawman & Erbe Manufacturing Co.....	208.95
F. P. May & Co.....	.20		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$1,924.06.

FURNITURE.

Clark, Davenport & Co.....	\$1.00	W. B. Moses & Sons.....	\$117.36
S. Kann Sons & Co.....	8.00		

Total amount paid for furniture under above appropriation, \$126.36.

FREIGHT.

Littlefield, Alvord & Co.....	\$0.19		
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EXPRESS.

Adams Express Co.....	\$16.85	United States Express Co.....	\$8.00
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Total amount paid for express under above appropriation, \$24.85.

TELEGRAPH.

Postal Telegraph-Cable Co.....	\$1.89	Western Union Telegraph Co.....	\$13.21
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Total amount paid for telegraph under above appropriation, \$15.10.

TELEPHONE.

Chesapeake and Potomac Telephone Co.....	\$12.00		
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TRAVELING EXPENSES.

E. W. Allen.....	\$961.30	C. B. Smith.....	\$40.97
W. H. Beal.....	771.97	A. C. True.....	257.32
D. J. Crosby.....	363.69	E. V. Wilcox.....	157.79
W. H. Evans.....	798.37		

Total amount paid for traveling expenses under above appropriation, \$3,351.41.

Expenditures of the Office of Experiment Stations, Department of Agriculture, etc.—Continued.

Total amount of appropriation.....	\$40,000.00
Repayments to appropriation through Treasury.....	184.00
Total appropriation available.....	40,184.00
Total expenditures under the several groups.....	39,887.10
Unexpended balance.....	296.90

[Appropriation: Agricultural Experiment Stations (Farmers' Institutes), 1905, \$5,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
John Hamilton.....	Farmers' institute specialist..	\$2,250.00	\$630.16	.....	\$2,880.16
Hannah Van Fossen....	Stenographer and typewriter at \$900.	312.50	.....	.....	312.50
Wilda M. Daish.....	Stenographer and typewriter at \$840.	595.00	.....	.....	595.00

Total amount paid for salaries in Washington under above appropriation, \$3,157.50.

STATIONERY.

Name.	Amount.	Name.	Amount.
R. P. Andrews & Co. (Incorporated)	\$54.40	Union Envelope Co.....	\$32.60
Library Bureau.....	2.03	Yarman & Erbe Manufacturing Co..	10.00
W. L. Swayze.....	11.95		

Total amount paid for stationery under above appropriation, \$110.98.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Blue Line Transfer Co.....	\$0.25	Herman H. Pechin.....	\$150.00
John Burton.....	19.50	E. J. Pullman.....	47.64
Capital Traction Co.....	3.00	Andrew M. Soule.....	50.00
The Elliott Co.....	21.97	Rudolph, West & Co.....	1.00
Samuel B. Green.....	150.00	Underwood Typewriter Co.....	85.00
Lamb & Tilden.....	.35	L. L. Van Slyke.....	150.00
A. L. Moore.....	6.00		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$684.71.

FURNITURE.

W. B. Moses & Sons.....	\$1.70		
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FREIGHT.

Baltimore and Ohio Railroad Co.....	\$2.34	Geo. W. Knox Express Co.....	\$3.59
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Total amount paid for freight under above appropriation, \$5.93.

EXPRESS.

Adams Express Co.....	\$5.30	United States Express Co.....	\$0.35
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Total amount paid for express under above appropriation, \$5.65.

Expenditures of the Office of Experiment Stations, Department of Agriculture, etc.—Continued.

TELEGRAPH.

Name.	Amount.	Name.	Amount.
Postal Telegraph Cable Co.....	\$0.20	The Western Union Telegraph Co....	\$2.10

Total amount paid for telegraph under above appropriation, \$2.30.

TELEPHONE.

Chesapeake and Potomac Telephone Co.....	\$0.10	N. M. Minnix.....	\$4.50
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Total amount paid for telephone under above appropriation, \$4.60.

TRAVELING EXPENSES.

John Hamilton.....	\$630.16		
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Total of several groups under the above appropriation, \$4,603.53.

Unexpended balance, \$396.47.

[Appropriation: Nutrition investigations, 1905, \$20,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[Outside of Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
W. O. Atwater.....	Chief, at \$2,000.....	\$1,500.00	\$135.24	\$85.86	\$1,721.10
C. F. Langworthy.....	Expert and editor, at \$2,250.....	1,781.25			1,781.25
Edmund C. Shorey.....	Assistant, at \$2,000.....	333.34			333.34
F. G. Benedict.....	Assistant.....	1,600.00	94.93	461.01	2,155.94
R. D. Milner.....	do.....	1,400.00	24.85	205.89	1,630.74
H. C. Sherman.....	Assistant, at \$1,200.....	203.34			203.34
H. A. Pratt.....	Assistant, at \$1,000.....	827.77	22.00		849.77
Chas. D. Woods.....	do.....	1,000.00	18.30		1,018.30
Helen W. Atwater.....	Assistant, at \$900.....	225.00			225.00
F. E. Singleton.....	Computer, at \$1,200.....	899.99	39.75		939.74
F. W. Harder.....	Computer, at \$900.....	600.00			600.00
C. R. Manning.....	Computer, at \$780.....	398.67	5.27		403.94
W. H. Leslie.....	Agent and expert, at \$60 per month.....	188.00			188.00
H. C. Morgan.....	do.....	384.00			384.00
R. A. Martin.....	Agent and expert, at \$50 per month.....	136.67			136.67
S. C. Dinsmore.....	Expert, at \$3.50 per day.....	500.50			500.50
E. M. Swett.....	Expert, at \$2 per day.....	152.00			152.00
H. L. Knight.....	Scientific aid, at \$480.....	305.34			305.34
Anna N. Darling.....	Clerk, at \$1,000.....	700.00			700.00
Bertha M. Rowley.....	Stenographer and typewriter, at \$900.....	525.00			525.00
Mae Falsey.....	Stenographer and typewriter, at \$720.....	34.00			34.00

Total amount paid for salaries outside of Washington under above appropriation, \$13,694.87.

STATIONERY.

Name.	Amount.	Name.	Amount.
Lucius B. Hazen.....	\$13.85	W. L. Swayze.....	\$23.90
Philip Lindemeyer.....	3.92	Union Envelope Co.....	6.05

Total amount paid for stationery under above appropriation, \$47.72.

*Expenditures of the Office of Experiment Stations, Department of Agriculture, etc.—Continued.*MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Name.	Amount.	Name.	Amount.
Bausch & Lomb Optical Co.....	\$167.23	A. Loewy.....	\$50.00
J. Bishop & Co.....	6.95	Middletown Electric Supply Co.....	39.87
Crosby Steam Gage and Valve Co....	46.42	Lyman D. Mills.....	136.19
Davol Rubber Co.....	50.36	Maurice Joyce Engraving Co.....	3.15
Eimer & Amend.....	49.92	Noxon & Whitney Co.....	11.82
The Electric Storage Battery Co....	49.82	H. A. Pratt.....	10.93
Felt & Tarrant Manufacturing Co....	150.00	Rice & Baldwin Electric Co.....	32.30
H. S. Grindley.....	1,500.00	C. Richter.....	88.06
Hartford Agency Oliver Typewriter Co.....	75.00	Harry Snyder.....	750.00
Isabel F. Hyams.....	150.00	Southern Printers' Supply Co.....	1.25
M. E. Jaffa.....	750.00	J. M. Van Vleck.....	50.00
		Chas. E. Wait.....	750.00

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$4,919.27.

FURNITURE.

W. B. Moses & Sons.....	\$5.40	Woodward & Lothrop.....	\$73.85
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Total amount paid for furniture under above appropriation, \$79.25.

FREIGHT.

Knox Express Co.....	\$3.00	I. P. Roosa.....	\$2.00
New York, New Haven and Hartford Railroad Co.....	4.52		

Total amount paid for freight under above appropriation, \$9.52.

EXPRESS.

Adams Express Co.....	\$1.95	United States Express Co.....	\$0.55
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Total amount paid for express under above appropriation, \$2.50.

TELEGRAPH.

Postal Telegraph-Cable Co.....	\$0.81	Western Union Telegraph Co.....	\$7.14
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Total amount paid for telegraph under above appropriation, \$7.95.

TELEPHONE.

Chesapeake and Potomac Telephone Co.....	\$0.60		
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TRAVELING EXPENSES.

W. O. Atwater.....	\$135.24	R. D. Milner.....	\$24.85
F. G. Benedict.....	94.93	H. A. Pratt.....	22.00
C. A. Browne, jr.....	9.79	F. E. Singleton.....	39.75
C. F. Langworthy.....	112.41	Chas. D. Woods.....	18.30
C. R. Manning.....	5.27		

Total amount paid for traveling expenses under above appropriation, \$462.54.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

W. O. Atwater.....	\$85.86	R. D. Milner.....	\$205.89
F. G. Benedict.....	461.01		

Total amount paid for station and field expenses under above appropriation, \$752.76.

Total of the several groups under above appropriation, \$19,976.98.

Unexpended balance, \$23.02.

Expenditures of the Office of Experiment Stations, Department of Agriculture, etc.—Continued.

[Appropriation: Irrigation and drainage investigations, 1905, \$67,500.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Elwood Mead.....	Chief.....	\$3,000.00	\$1,501.51	.....	\$4,501.51
W. H. Beal.....	Editorial chief, at \$2,500.....	208.33	.....	.....	208.33
S. M. Woodward.....	Irrigation engineer, at \$2,000.....	100.00	3.20	.....	103.20
R. P. Teele.....	Editorial assistant.....	1,800.00	267.48	.....	2,067.48
William Henry.....	Proof reader, at \$1,000.....	1,066.70	.....	.....	1,066.70
A. F. Johnston.....	Agent and expert, at \$1,400.....	1,399.99	127.45	.....	1,527.44
F. A. Bartholow.....	Clerk, at \$1,400.....	116.66	.....	.....	116.66
M. H. Burr.....	do.....	1,399.99	.....	.....	1,399.99
F. W. S. Blanchard.....	Draftsman, at \$1,400.....	291.66	.....	.....	291.66
K. A. Nau.....	Clerk, at \$1,200.....	100.00	.....	.....	100.00
A. B. Hill.....	Clerk, at \$1,000.....	752.78	.....	.....	752.78
D. K. Murphy.....	do.....	1,000.00	.....	.....	1,000.00
Louise Ross.....	do.....	1,000.00	.....	.....	1,000.00
M. V. Sweetnam.....	do.....	500.00	.....	.....	500.00
H. C. Taylor.....	Expert, at \$1,000.....	25.00	31.47	.....	56.47
J. M. Snyder.....	Clerk, at \$840.....	759.67	.....	.....	759.67
J. F. Barghausen.....	Laborer, at \$3 per day.....	102.00	.....	.....	102.00
S. L. Carpenter.....	Laborer, at \$60 per month.....	150.00	.....	.....	150.00
William Pfunder.....	Laborer, at \$50 per month.....	600.00	.....	.....	600.00
L. A. Woods.....	Messenger, at \$540.....	529.50	.....	.....	529.50
Robert Mull.....	Messenger, at \$30 per month.....	240.00	.....	.....	240.00
Mary A. Moriarity.....	Charwoman, at \$480.....	360.00	.....	.....	360.00
Virginia Tinney.....	Charwoman, at \$40 per month.....	50.00	.....	.....	50.00

Total amount paid for salaries in Washington under above appropriation, \$15,552.28.

[Out of Washington.]

Samuel Fortier.....	Irrigation engineer, at \$2,000.....	\$660.00	\$264.08	.....	\$924.08
F. C. Herrmann.....	do.....	588.89	396.02	\$333.22	1,318.13
C. E. Tait.....	Irrigation engineer, at \$1,600.....	1,600.00	466.81	242.17	2,248.98
W. B. Gregory.....	Irrigation engineer, at \$1,500.....	541.67	282.59	.....	824.06
W. W. McLaughlin.....	do.....	1,275.00	282.10	1,573.98	3,131.08
A. P. Stover.....	do.....	446.67	361.01	.....	807.68
Frank Adams.....	Irrigation engineer, at \$1,400.....	1,400.00	612.36	.....	2,012.36
H. G. Raschbacher.....	Irrigation engineer, at \$1,200.....	860.00	273.35	.....	1,133.35
A. E. Wright.....	do.....	363.33	184.38	.....	547.71
O. V. P. Stout.....	Irrigation engineer, at \$1,000.....	1,000.00	312.03	.....	1,312.03
C. G. Elliott.....	Drainage engineer, at \$2,000.....	2,000.00	1,213.99	147.14	3,361.13
John T. Stewart.....	Drainage engineer, at \$1,500.....	1,300.00	620.36	.....	1,920.36
C. F. Brown.....	Drainage engineer, at \$1,000.....	250.00	257.84	.....	507.84
C. J. Zintheo.....	Expert, at \$2,000.....	713.75	16.00	.....	729.75
F. W. Roeding.....	Expert, at \$1,500.....	250.00	241.10	.....	491.10
A. J. Bowie.....	Agent and expert, at \$1,500.....	1,391.66	523.55	98.33	2,013.54
W. E. Herring.....	do.....	441.67	290.59	.....	732.26
G. N. Knapp.....	do.....	1,125.00	.....	.....	1,125.00
E. R. Morgan.....	do.....	75.00	73.15	.....	148.15
A. J. Turner.....	do.....	33.33	.....	.....	33.33
J. J. Vernon.....	Agent and expert, at \$125 per month.....	500.00	.....	.....	500.00
J. S. Baker.....	Agent and expert, at \$1,200.....	1,000.00	.....	.....	1,000.00
W. F. Bartlett.....	do.....	925.00	279.07	.....	1,204.07
H. Culbertson.....	Agent and expert, at \$100 per month.....	850.00	584.35	.....	1,434.35
John S. Titcomb.....	do.....	200.00	.....	.....	200.00
Gordon H. True.....	Agent and expert, at \$1,200.....	1,000.00	225.25	70.00	1,295.25
A. R. Whitson.....	Agent and expert, at \$100 per month.....	1,200.00	.....	.....	1,200.00
A. B. Collins.....	Agent and expert, at \$1,000.....	936.67	484.98	.....	1,421.65
W. D. Pence.....	do.....	1,000.00	.....	.....	1,000.00
M. J. Shields.....	Agent and expert, at \$70 per month.....	840.00	116.70	.....	956.70
R. T. Ely.....	Agent and expert, at \$10 per day.....	210.00	.....	.....	210.00
J. N. LeConte.....	do.....	270.00	32.85	.....	302.85
C. N. Little.....	do.....	60.00	.....	.....	60.00
S. L. Boothroyd.....	Agent and expert, at \$5 per day.....	75.00	.....	.....	75.00
A. Marston.....	do.....	250.00	.....	.....	250.00
W. R. Thomas.....	do.....	351.25	.....	.....	351.25
O. L. Waller.....	do.....	835.00	.....	.....	835.00

Expenditures of the Office of Experiment Stations, Department of Agriculture, etc.—Continued.

LUMP-FUND SALARIES, TRAVELING EXPENSES, ETC.—Continued.

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station. and field expenses.	Total.
John H. Gordon.....	Agent, at \$125 per month.....	\$375.00			\$375.00
M. H. Downey.....	Agent, at \$1,000.....	166.67	\$191.50		358.17
Omer Fairley.....	Agent, at \$70 per month.....	37.33			37.33
J. E. Roadhouse.....	Agent, at \$60 per month.....	92.00			92.00
F. A. Bartholow.....	Clerk, at \$1,400.....	466.66			466.66
M. C. Vance.....	Clerk, at \$900.....	112.50			112.50
M. O. Garland.....	Clerk, at \$780.....	780.00			780.00
Thomas Mead.....	Student assistant, at \$25 per month.....	50.00		\$101.92	151.92
W. D. Gillespie.....	Laborer, at \$2 per day.....	100.00			100.00
Harry J. Morrison.....			25.99		25.99

Total amount paid for salaries out of Washington under above appropriation, \$28,999.05.

STATIONERY.

Name.	Amount.	Name.	Amount.
American News Co.....	\$9.21	H. C. Davison.....	\$26.64
R. P. Andrews.....	97.90	E. Morrison Paper Co.....	14.15
R. Carter Ballantyne.....	11.02	Union Envelope Co.....	207.44
E. L. Bristol.....	50.00	United States Envelope Co.....	75.65

Total amount paid for stationery under above appropriation, 492.01.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS, MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Anthony Scovill Co.....	\$43.90	J. S. J. Lallie.....	\$37.00
Arp & Hammond.....	12.05	James B. Lambie Co.....	0.99
Barber & Ross.....	.80	R. H. Loughridge.....	400.00
P. J. Black.....	50.82	Lemcke & Buechner.....	16.50
Edmund Blake.....	200.00	Library Bureau.....	8.75
Capital Traction Co.....	12.00	Lufkin Rule Co.....	55.35
G. R. Cardwell.....	6.75	Manhattan Electrical Supply Co.....	17.25
Fred Carl.....	25.75	McAdam Bros.....	30.00
W. E. Carl.....	399.96	F. A. Meanea.....	28.05
Church & Stephenson.....	84.48	Mine and Smelter Supply Co.....	72.00
Max Clark.....	30.00	Francis Miller.....	.80
Pauline Coith.....	12.50	A. L. Moore.....	3.50
Columbia Photo Supply Co.....	1.60	Geo. F. Muth & Co.....	.20
Crosby Steam Gage and Valve Co.....	141.00	National Electrical Supply Co.....	2.55
Delano & Moore.....	15.22	Okonite Co. (Limited).....	4.20
Denver Fire Clay Co.....	5.75	Ottawa Foundry Co.....	20.00
Dillon Iron Works.....	406.40	G. C. Pampari.....	57.90
M. Duperow.....	7.45	Pasteur Vaccine Co. (Limited).....	3.00
Engineering News.....	3.40	Paul Polikeit.....	70.21
Fairbanks, Morse & Co.....	33.50	Public Printer.....	2,053.58
Felt & Tarrant.....	150.00	E. J. Pullman.....	3.98
Julien P. Friez.....	36.70	Pullman Automatic Ventilator Co.....	10.40
Funk & Wagnalls Co.....	16.20	Rand, McNally & Co.....	2.00
Z. D. Gilman.....	.60	Remington Typewriter Co.....	164.00
J. S. Goldsmith.....	4.50	Rochester Panoramic Camera Co.....	280.50
Robert Goodwin, jr. & Co.....	222.55	Frank A. Roedel.....	62.57
W. & L. E. Gurley.....	779.37	Rudolph, West & Co.....	11.63
Harris & Shafer Co.....	8.00	Geo. N. Saegmuller.....	20.75
Edward J. Hoff.....	80.00	Fred A. Schmidt.....	174.02
Maurice Joyce Engraving Co.....	.50	Scott Supply and Tool Co.....	50.00
S. Kann, Sons & Co.....	5.60	W. Silas Sheetz.....	419.39
Kellogg Switchboard and Supply Co.....	10.65	Katherine Simmel.....	1.00
Keuffel & Esser Co.....	8.00	W. L. Swayze.....	63.41
Geo. P. Killian Co.....	2.00	Taylor, Taylor & Hobson (Limited).....	46.10
Kilpatrick Bros.....	700.00	Fred C. White.....	20.00
Geo. W. Knox Express Co.....	.25	J. Ferd Zimmerer.....	35.00

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$7,764.83.

Expenditures of the Office of Experiment Stations, Department of Agriculture, etc.—Continued.

FURNITURE.

Name.	Amount.	Name.	Amount.
Gleason Mercantile Co.....	\$34.00	Woodward & Lothrop.....	\$156.63
W. H. Hoeke.....	6.75	Yawman & Erbe Manufacturing Co.	176.45
W. B. Moses.....	72.72		

Total amount paid for furniture under above appropriation, \$446.55.

EXPRESS.

Adams Express Co.....	\$160.02	United States Express Co.....	\$49.41
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Total amount paid for express under above appropriation, \$209.43.

TELEGRAPH.

Postal Telegraph Cable Co.....	\$6.50	Western Union Telegraph Co.....	\$48.33
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¹⁰ Total amount paid for telegraph under above appropriation, \$54.83.

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RENT.

Hiram Sapp.....	\$720.00		
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TRAVELING EXPENSES.

Frank Adams.....	\$612.36	E. R. Morgan.....	\$73.15
F. A. Bartholow.....	64.55	Harry J. Morrison.....	25.99
W. F. Bartlett.....	279.07	H. G. Raschbacher.....	273.35
A. J. Bowie.....	523.55	F. W. Roeding.....	241.10
C. F. Brown.....	257.84	M. J. Shields.....	116.70
A. B. Collins.....	484.98	John T. Stewart.....	620.36
H. Culbertson.....	584.35	O. V. P. Stout.....	312.03
M. H. Downey.....	191.50	A. P. Stover.....	361.01
C. G. Elliott.....	1,213.99	C. E. Tait.....	406.81
Samuel Fortier.....	264.08	H. C. Taylor.....	31.47
W. B. Gregory.....	282.39	R. P. Teele.....	267.48
W. E. Herring.....	290.59	Gordon H. True.....	225.25
F. C. Herrmann.....	396.02	M. C. Vance.....	63.25
A. F. Johnston.....	127.45	S. M. Woodward.....	3.20
J. N. LeConte.....	32.85	A. E. Wright.....	184.38
W. W. McLaughlin.....	282.10	C. J. Zintheo.....	16.00
Elwood Mead.....	1,501.51		

Total amount paid for traveling expenses under above appropriation, \$10,610.71.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

F. C. Herrmann.....	\$333.22	A. J. Bowie.....	\$98.33
C. E. Tait.....	242.17	Gordon H. True.....	70.00
W. W. McLaughlin.....	1,573.98	Thos. Mead.....	101.92
C. G. Elliott.....	147.14		

Total amount paid for station and field expenses under above appropriation, \$2,566.76.

Total of the several groups, \$67,416.45.

Unexpended balance, \$83.55.

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
W. E. Carl.....	Labor at Lexington, Nebr.....	\$399.96
Dillon Iron Works.....	Evaporation tanks.....	406.40
Robert Goodwin, jr., & Co.....	Drain tile.....	222.55
W. & L. E. Gurley.....	Surveying instruments.....	753.87
Kilpatrick Bros.....	Pump, engine, and installation.....	700.00
J. Ferd Zimmerer.....	Labor at Lexington, Nebr.....	35.00

Recapitulation of the several appropriations for the Office of Experiment Stations, as distributed among the following groups, and the total expenditures under each.

Lump-fund salaries in Washington.....	\$52,906.95
Lump-fund salaries outside of Washington.....	42,693.92
Stationery.....	886.67
Miscellaneous supplies and services, equipment, books, apparatus, machinery, and laboratory materials of all kinds.....	15,292.87
Furniture.....	653.86
Freight.....	15.64
Express.....	242.43
Telegraph.....	80.18
Telephone.....	17.20
Rent.....	720.00
Travel ng expenses.....	15,054.82
Station and field expenses.....	3,319.52
Total.....	131,884.06

Insular stations.

The amounts appropriated by Congress for insular stations were as follows:

Alaska.....	\$15,000.00
Hawaii.....	15,000.00
Porto Rico.....	15,000.00
Total.....	a 45,000.00
Total for entire Office of Experiment Stations.....	176,884.06
Amount of the several appropriations.....	177,500.00
Repayments to appropriation through Treasury.....	184.00
Amount of appropriation available.....	177,684.00
Unexpended balance.....	799.94

PROJECTS.

The principal projects conducted by the Office of Experiment Stations during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

AGRICULTURAL EXPERIMENT STATIONS.

Supervision of the work and expenditures of 60 agricultural experiment stations in 48 States and Territories, and Alaska, Hawaii, and Porto Rico, and promotion of their general interests. The preparation of 32 publications based on the work of over 1,000 agricultural experiment stations and kindred institutions throughout the world, and 900 cards of the Index of Experiment Station Literature. Efforts to promote and extend the dissemination of the results of the work of the Department and the agricultural experiment stations among teachers and students in agricultural colleges and public and private schools throughout the United States, and to secure the more definite and satisfactory formulation of courses of instruction based on the results of experimentation in agriculture.....

Salaries.....	34,197.17
Travel.....	3,351.41
Supplies, etc.....	2,338.52
Total.....	39,887.10

INSULAR STATIONS.

Alaska Agricultural Experiment Station.

Maintenance of an experiment station to investigate the agricultural and horticultural resources of Alaska, development of animal industry, dairying, etc.....	15,000.00
Salaries.....	8,582.67
Travel.....	268.25
Supplies, etc.....	6,149.08
Total.....	15,000.00

Hawaii Agricultural Experiment Station.

Maintenance of an experiment station at which studies are made of the various agricultural problems peculiar to the country, and scientific investigations in chemistry, entomology, horticulture, etc.....	15,000.00
Salaries.....	8,317.30
Travel.....	151.05
Supplies, etc.....	6,531.65
Total.....	15,000.00

a The total amount of the appropriation was expended by the temporary special disbursing agent in charge of each station and their accounts were sent direct to the Treasury, therefore they are not entered on these sheets.

Porto Rico Agricultural Experiment Station.

Maintenance of a station to carry on experiments in agronomy, entomology, horticulture, etc., and scientific investigations along various lines of agriculture.....	\$15,000.00
Salaries.....	7,855.00
Travel.....	467.48
Supplies, etc.....	6,677.52
Total.....	15,000.00

Farmers' institutes.

Investigations of farmers' institutes and kindred organizations in the United States and foreign countries, and the preparation of publications relating to farmers' institutes, and the promotion of the general interests of the institutes.....	\$5,000.00
Salaries.....	3,157.50
Travel.....	630.16
Supplies, etc.....	815.87
Total.....	4,603.53

Nutrition investigations.

Planning and supervision of investigations in 9 States and Territories; compilation of results of similar investigations throughout the world; preparation of reports and farmers' bulletins; correspondence (especially with colleges, schools, physicians, penal and charitable institutions).....	\$6,505.74
Investigation of the digestibility and nutritive value of fruits and nuts, in cooperation with the University of California.....	750.00
Investigations on the relation of muscular exercise and mental work to the diet, with the respiration calorimeter, in cooperation with Wesleyan University and Storrs Agricultural Experiment Station in Connecticut.....	8,200.00
Investigations on the effects of different methods of cooking upon the digestibility and nutritive value of meat, in cooperation with the University of Illinois.....	1,500.00
Investigations on the digestibility and nutritive value of cereal breakfast foods, in cooperation with the University of Maine.....	1,000.00
Investigation of the nutritive value and digestibility of the diet for aged men at the Bayview Asylum, in cooperation with the Baltimore Board of Charities, salary of investigator included under investigations in Connecticut.....	10.93
Investigations on the relative digestibility of cereal breakfast foods and Durham wheat, in cooperation with the University of Minnesota.....	750.00
Studies of the nutritive value of ash constituents of food, in cooperation with Columbia University, N. Y.....	200.00
Investigation of the digestibility of legumes, and dietary studies in typical families of white people of limited means in mountain districts, in cooperation with the University of Tennessee.....	750.00
Investigations on the nutritive value of tropical foodstuffs.....	333.33

Irrigation and drainage investigations.

On use of water in irrigation:	
California.....	\$6,000.00
(Measurement of duty of water, economical methods of using water, losses by seepage and evaporation from both water and soil surfaces, methods of preparing land for irrigation.)	
Colorado.....	3,673.50
(Measurements of duty of water, methods of irrigation with reference to sugar content of beets.)	
Idaho.....	1,414.07
(Measurements of duty of water, losses of water from canals, and study of water master's duties as related to irrigation practice.)	
The use of sewage in irrigation:	
Iowa.....	400.00
Montana.....	1,188.00
(Measurements of duty of water, and losses from canals.)	
Nebraska.....	1,000.00
(Measurements of duty of water.)	
Nevada.....	1,817.65
(Measurements of duty of water, and determination of movement of soil and seepage waters.)	
New Mexico.....	868.00
(Measurements of duty of water, and study of methods of irrigation for alfalfa.)	
Oregon.....	840.00
(Measurements of duty of water, studies of winter irrigation, cost of preparing land and irrigating with different methods.)	
Texas.....	1,000.00
(Methods of preparing land and applying water, and collection of data regarding irrigation conditions and possibilities in the State.)	
Utah.....	2,531.23
(Measurements of duty of water, experiments to determine water requirements of crops methods of applying water, the best stages at which to irrigate different crops, and influence of scanty or copious irrigation on yield and quality of crops.)	
Washington.....	1,085.00
(Measurements of duty of water and of rise and fall of soil water in irrigated areas, cost of preparing land for irrigation and losses by seepage.)	
Wisconsin.....	2,175.00
(Economical methods of constructing storage works and ditches for cranberry irrigation.)	

Wyoming.....	\$2,579.57
(Measurements of duty of water, winter irrigation, testing of irrigation apparatus and appliances.)	
	26,572.02
On irrigation by pumping:	
California.....	1,324.47
(Mechanical tests of pumps and pumping plants, field tests to determine efficiency of different pumps, and cost of irrigation by pumping.)	
Kansas.....	450.00
(Cost of wells, windmill plants, and application of water by pumping, with winter and summer irrigation.)	
Louisiana.....	1,065.06
(Studies of rice irrigation, including tests of pumping plants, records of cost of pumping, measurements of duty of water, and evaporation losses from fields.)	
Nebraska.....	932.00
(Pumping experiments to determine how irrigation may be extended to lands now devoted to grazing.)	
Texas.....	3,084.30
(Studies of irrigation of rice, corn, cotton, alfalfa, grass, sugar cane, sorghum, and truck crops, including tests of pumping plants, records of cost of pumping, measurements of duty of water, and evaporation losses from fields.)	
	6,855.83
On irrigation as related to dry farming:	
Montana.....	1,100.00
Wyoming.....	2,000.00
	3,100.00
(With special reference to the economical construction of small storage reservoirs and ditches to utilize limited water supplies, and the methods and times of preparing land and applying water to extend the irrigated area on farms principally devoted to dry farming.)	
On drainage investigations:	
Indiana.....	2,291.14
Illinois.....	720.00
Iowa.....	600.00
Nebraska.....	1,932.83
Louisiana.....	200.00
Mississippi.....	1,100.00
North Dakota.....	987.33
South Atlantic States.....	1,612.56
Utah.....	1,248.92
Washington.....	400.00
Wisconsin.....	700.00
	11,792.78
(Plans of drainage systems best adapted to different regions and soils, studies of the practicability of draining certain large areas, promotion of cooperation among farmers to secure benefits of drainage laws.)	
On tests of farm machinery.....	957.00
General planning and supervision of irrigation and drainage investigations throughout the United States, preparation of reports, drafting and other work on illustrations, correspondence with field agents and public, keeping of records, supplies, etc.....	
Printing of bulletins.....	2,053.00
Miscellaneous, supplies, apparatus, furniture, etc.....	3,147.73
<hr/>	
Total:	
On use of water in irrigation.....	26,572.02
On irrigation by pumping.....	6,855.83
On irrigation as related to dry farming.....	3,100.00
On drainage investigations.....	11,792.78
On tests of farm machinery.....	957.00
General planning, supervision, etc.....	12,938.09
Printing of bulletins.....	2,053.00
Miscellaneous, supplies, etc.....	3,147.73
	67,416.45
Appropriation.....	67,500.00
Balance.....	83.55

Expenditures of the Office of Public Road Inquiries, Department of Agriculture, for the fiscal year ended June 30, 1905.

[Appropriation: Public road inquiries, 1905, \$35,000.]

LUMP-FUND SALARIES, TRAVELING EXPENSES, AND FIELD AND STATION EXPENSES.

[In Washington.]

Name.	Title.	Salary.	Traveling expenses.	Reimbursement for station and field expenses.	Total.
Martin Dodge.....	Director, at \$3,000.....	\$3,000.00	\$626.22	.....	\$3,626.22
M. O. Eldridge.....	Assistant director, at \$1,800...	1,050.00	940.68	.....	2,740.68
A. N. Johnson.....	Highway engineer, at \$2,250...	418.75	186.02	.....	604.77
Henry Ackerman.....	Expert, at \$7 per day.....	56.00	.....	.....	56.00
M. O. Eldridge.....	Road expert, at \$1,800.....	750.00	.....	.....	750.00
A. E. Loder.....	Civil engineer student, at \$600.	150.00	144.42	.....	294.42
D. W. Randall.....	do.....	128.33	93.96	.....	222.29
J. E. Pennybacker, jr.	Clerk, class 1.....	1,200.00	.....	.....	1,200.00
N. B. Hamilton.....	Clerk, at \$1,000.....	108.33	.....	.....	108.33
E. R. Robey.....	do.....	133.33	.....	.....	133.33
W. F. Tomlinson.....	do.....	1,000.00	.....	.....	1,000.00
H. V. Anderson.....	Laborer, at \$720.....	600.00	.....	.....	600.00
E. M. Wells.....	do.....	720.00	.....	.....	720.00
C. W. Towers.....	Skilled laborer, at \$50 per month	500.00	.....	.....	500.00

Total amount paid for salaries in Washington under above appropriation, \$9,814.74.

[Outside of Washington.]

J. W. Abbott.....	Special agent, at \$8 per day...	\$1,069.55	\$430.45	.....	\$1,500.00
Jay F. Brown.....	do.....	1,424.00	104.10	.....	1,528.10
J. A. Holmes.....	do.....	480.00	.....	.....	480.00
R. W. Richardson.....	do.....	1,152.00	348.00	.....	1,500.00
J. B. Killebrew.....	Special agent, at \$50 per month.	600.00	.....	.....	600.00
Geo. L. Cooley.....	Road expert, at \$125 per month.	66.67	194.86	\$90.80	352.33
J. H. Dodge.....	do.....	625.00	308.50	.....	933.50
Chas. T. Harrison.....	do.....	625.00	425.91	.....	1,050.91
J. H. Dodge.....	Road expert, at \$100 per month	700.00	.....	.....	700.00
Chas. T. Harrison.....	do.....	700.00	.....	.....	700.00
W. L. Spoon.....	do.....	1,200.00	493.66	.....	1,693.66
Geo. L. Cooley.....	Road expert, at \$4 per day.....	200.00	.....	.....	200.00
D. G. Haire.....	do.....	816.00	434.91	.....	1,250.91
Henry E. Bisshopp.....	Road expert, at \$3 per day.....	438.00	140.10	.....	578.10
H. W. Canfield.....	do.....	249.00	53.16	.....	302.16
Geo. L. Cooley.....	do.....	252.00	.....	.....	252.00
R. G. Phelps.....	do.....	78.00	.....	.....	78.00
E. W. Sheets.....	do.....	930.00	461.78	.....	1,391.78
Fay McClure.....	Road expert, at \$50 per month.	150.00	35.25	.....	185.25
Fay McClure.....	Road expert, at \$75 per month	427.50	.....	.....	427.50
D. B. Abdill.....	Road roller operator, at \$3.50 per day.	154.00	.....	.....	154.00
A. P. Andrew.....	Road roller operator, at \$3 per day.	561.00	23.85	.....	584.85
John Boston.....	do.....	321.00	139.45	.....	460.45
D. R. Torpey.....	do.....	144.00	64.90	.....	208.90
Andrew Wilbert.....	do.....	51.00	3.55	.....	54.55
Geo. H. Ackley.....	Road roller operator, at \$1 per annum.	.....	138.17	.....	138.17
J. B. Groat.....	Rock crusher operator, at \$3.50 per day.	224.00	23.20	.....	247.20
Archer B. Hulbert.....	Expert, at \$3 per day.....	75.00	.....	.....	75.00
Archer B. Hulbert.....	Expert, at \$4 per day.....	96.00	.....	.....	96.00
J. H. Eldridge.....	Assistant.....	900.00	442.02	.....	1,342.02

Total amount paid for salaries outside of Washington under above appropriation, \$14,708.72.

Expenditures of the Office of Public Road Inquiries, Department of Agriculture, etc.—Cont'd.

STATIONERY.

Name.	Amount.	Name.	Amount.
H. C. Davison & Co	\$3.75	Smith Premier Typewriter Co.....	\$78.00
Densmore Typewriter Co.....	.60	Southern Printers' Supply Co.....	1.40
Eberhart Faber.....	3.50	W. L. Swayze.....	13.65
D. Frank Parker.....	37.30	Yawman & Erbe.....	12.50
Remington Typewriter Co.....	15.75	Union Envelope Co.....	37.40
W. F. Roberts.....	1.80		

Total amount paid for stationery under above appropriation, \$205.65.

MISCELLANEOUS SUPPLIES AND SERVICES, BOOKS, EQUIPMENT, APPARATUS,
MACHINERY, AND LABORATORY MATERIALS OF ALL KINDS.

Barber & Ross.....	\$2.00	Murray Lyceum Bureau.....	\$27.25
C. L. Berger & Sons.....	205.20	Navy Department.....	2.80
J. Bishop & Co.....	116.62	Oliver Machine Co.....	300.00
F. W. Braun Co.....	210.00	R. S. Peck.....	9.00
Burroughs Adding Machine Co.....	450.00	E. J. Pullman.....	219.68
M. DuPerow.....	6.80	Pullman Auto Ventilator Co.....	1.50
Andrew B. Graham Co.....	100.00	Fred A. Schmidt.....	22.29
W. & L. E. Gurley.....	233.90	W. Silas Sheetz.....	105.00
R. Peale Herrick.....	15.00	M. Silverberg & Co.....	17.25
Hill, Clarke & Co.....	145.00	Thomas Somerville & Sons.....	1.50
Maurice Joyce Engraving Co.....	.50	Carlson Stromberg Telephone Manu- facturing Co.....	8.95
Eastman Kodak Co.....	5.00	Jas. S. Topham.....	12.75
James B. Lambie Co.....	1.75	F. Weber & Co.....	91.69
T. H. McAllister.....	53.20		

Total amount paid for miscellaneous supplies, etc., under above appropriation, \$2,364.63.

FURNITURE.

Doten-Dunton Desk Co.....	\$94.00	Woodward & Lothrop.....	\$231.20
Wm. H. Dyer.....	22.50	Yawman & Erbe.....	121.95
W. B. Moses & Sons.....	130.85		

Total amount paid for furniture under above appropriation, \$600.50.

FREIGHT.

Baltimore and Ohio Railroad Co....	\$16.70	Knox Express Co.....	\$0.25
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Total amount paid for freight under above appropriation, \$16.95.

EXPRESS.

Adams Express	\$60.03	United States Express.....	\$2.00
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Total amount paid for express under above appropriation, \$62.03.

TELEGRAPH.

Western Union Telegraph Co.....	\$101.77	Postal Telegraph and Cable Co.....	\$11.42
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Total amount paid for telegraph under above appropriation, \$113.19.

TELEPHONE.

Chesapeake and Potomac Telephone Co.....	\$14.75		
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Expenditures of the Office of Public Road Inquiries, Department of Agriculture, etc.—Continued.

TRAVELING EXPENSES.

Name.	Amount.	Name.	Amount.
Martin Dodge.....	\$581.57	Geo. L. Cooley.....	\$194.86
M. O. Eldridge.....	940.68	J. H. Dodge.....	308.50
A. N. Johnson.....	186.02	J. H. Eldridge.....	442.02
A. E. Loder.....	144.42	J. B. Groat.....	23.20
L. W. Page.....	77.20	D. G. Haire.....	434.91
D. W. Randall.....	93.96	Chas. T. Harrison.....	425.91
J. W. Abbott.....	430.45	Fay McClure.....	35.25
Geo. H. Ackley.....	138.17	R. W. Richardson.....	348.00
A. P. Andrew.....	23.85	E. W. Sheets.....	461.78
Henry E. Bisshopp.....	140.10	W. L. Spoon.....	493.66
John Boston.....	139.45	D. R. Torpey.....	64.90
Jay F. Brown.....	104.10	Andrew Wilbert.....	3.55
H. W. Canfield.....	53.16		

Total amount paid for traveling expenses under above appropriation, \$6,289.67.

STATION AND FIELD EXPENSES PAID PERSONALLY BY EMPLOYEES.

Geo. L. Cooley.....	\$30.80	
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Recapitulation of the appropriation for the Office of Public Road Inquiries, as distributed among the following groups, and the total expenditures under each.

Lump-fund salaries in Washington.....	\$9,814.74
Lump-fund salaries outside of Washington.....	14,708.72
Stationery.....	205.65
Miscellaneous supplies and services, equipment, books, apparatus, machinery, and laboratory materials of all kinds.....	2,364.63
Furniture.....	600.50
Freight.....	16.95
Express.....	62.03
Telegraph.....	113.19
Telephone.....	14.75
Traveling expenses.....	6,289.67
Station and field expenses.....	90.80
Total for entire Office of Public Road Inquiries.....	34,281.63
Total appropriation for 1905.....	35,000.00
Total expenditures for 1905.....	34,281.63
Balance.....	718.37

PROJECTS.

The principal projects conducted by the Office of Public Road Inquiries during the fiscal year ended June 30, 1905, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains:

I.—OBJECT-LESSON ROAD WORK AND EXPERT ADVICE.

1. *Object-lesson road work.*—Twenty-one model roads were built during the year, in cooperation with local authorities in nine States, for the purpose of determining the value of local materials, instructing local officials, demonstrating proper methods of construction, and furnishing a basis for estimating cost of improving the common roads in a particular locality. Various materials were used, including rock, gravel, shells, burnt clay, and sand-clay mixtures. A detailed statement is given in the Annual Report for 1905 covering this work. On account of the fact that the local communities furnish right of way, materials, common labor, teams, and fuel, the expenditure by the Government covers only salary and expenses of engineers and experts, freight charges, and incidental repairs to machinery. No rental was paid for machinery, as it was borrowed from the manufacturers. Free transportation was usually granted by the railroad companies. The expense to the Government can therefore be approximated as follows for each road:

Salary of engineer in charge, at \$125 per month, for about six weeks.....	\$188
Salary of roller and machinery expert, at \$100 per month, for same period.....	150
Expenses for subsistence and travel of engineers and experts.....	150
Incidental expenses for freight and repairs.....	25
Total.....	513

Total for 21 roads..... 10,773

2. *Expert advice.*—In many cases it was found sufficient to detail engineers and experts to give advice. A large number of such assignments were made, and the cost can only be roughly approximated at..... 3,000

II.—INVESTIGATION OF SPECIAL FORMS OF ROAD CONSTRUCTION.

1. <i>Burnt clay</i> .—A road expert was especially assigned to conduct experiments in burnt-clay road building in the Mississippi Delta. After a series of tests carried on by the Division of Tests, at that time in the Bureau of Chemistry, the expert supervised the burning of clay and the construction of a short section of road at Clarksdale, Miss. (See full description in the Annual Report, 1905.) The cost to the Government for salary and expenses of expert amounted approximately to.....	\$150
2. <i>Brick roads</i> .—In order to ascertain the practical value of brick paving for country roads, a special investigation was made concerning the brick roads in the neighborhood of Monmouth, Ill., and Cleveland and Oak Harbor, Ohio, and a study of the manufacture of paving brick at Galesburg, Ill. A report covering this special work was prepared, which has not been published by the Department. The time consumed was about two weeks, which amounted to \$75 for salary and \$50 for expenses. Total.....	125
3. <i>Novaculite and red-shale roads</i> .—A special investigation into cause of failure of novaculite roads at Springfield, Ill., and method and cost of building shale roads at same point. Salary and expenses.....	125
4. <i>Tar macadam</i> .—A special study was made of tar macadam roads. The special agent assigned to this work received a salary of \$8 per diem and expenses, the approximate cost of this investigation being.....	500
5. <i>Gravel roads</i> .—A special agent in the South investigated various gravel deposits, available for road construction, and also secured data on mileage and methods and cost of gravel roads. The approximate cost of this investigation was.....	256

III.—DISSEMINATION OF INFORMATION THROUGH ROAD CONVENTIONS, FARMERS' INSTITUTES, AND OTHER ORGANIZATIONS.

This feature of the work received much attention at the hands of the director and certain of the special agents. Estimating on the basis of salary and expenses of the employees of the office during the time devoted to convention work, the amount expended by the Government can be approximated at.....	7,500
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SUMMARY.

Recapitulation of the several appropriations for the entire Department of Agriculture as distributed among the following groups and the total expenditures under each.

Statutory salaries.....	\$649,922.52
Lump-fund salaries in Washington.....	825,427.59
Lump-fund salaries outside of Washington.....	2,371,307.34
Stationery.....	76,070.47
Miscellaneous supplies and services, equipment, books, apparatus, machinery, and laboratory materials of all kinds.....	852,457.54
Furniture.....	41,155.31
Fuel.....	20,054.70
Freight.....	16,796.62
Express.....	8,968.98
Telegraph.....	218,390.31
Telephone.....	18,522.41
Rent.....	109,316.54
Gas and electricity.....	13,102.04
Traveling expenses.....	446,950.30
Station and field expenses.....	53,691.71
Printing.....	92,065.39
Total for entire Department of Agriculture.....	5,814,239.77
Total appropriations for Department of Agriculture.....	6,134,757.95
Total expenditures under above groups.....	5,814,239.77
Balance.....	320,518.18
Advances to temporary disbursing agents.....	\$74,916.39
To amount appropriated for Museum, which was not used but turned back into Treasury.....	2,260.00
	77,176.39
	243,341.79
	893.31
Repayments to appropriations through Treasury.....	
Unexpended balance.....	244,235.10
Of this amount the balance under the permanent appropriation for "building, Department of Agriculture," on June 30, 1905, which is available until used, was.....	168,297.27
Making the unexpended balance.....	75,937.83

GENERAL CONTRACTS FOR ANNUAL SUPPLIES FOR THE ENTIRE DEPARTMENT.

[Expenditures hereunder are also distributed among the foregoing groups.]

Name of contractor.	Nature of contract.	Approximate amount.
American Type Founders Co.....	Printing and lithographing.....	\$1,000.00
American Ice Co.....	Fuel and ice.....	400.00
American Railway Supply Co.....	Car seals.....	200.00
American Tag Co.....	Car seals, tags, etc.....	.....
American News Co.....	Stationery supplies.....	.....
R. P. Andrews Paper Co.....	do.....	1,600.00
R. Carter Ballantyne.....	do.....	1,000.00
Baum, Bernheimer & Co.....	Waste paper.....	200.00
J. Baumgarten & Sons.....	Stationery supplies.....	.....
Bausch & Lomb Optical Co.....	Laboratory supplies.....	600.00
J. Bishop & Co.....	Laboratory material.....	200.00
C. S. Braisted.....	Stationery supplies.....	200.00
E. J. Brooks & Co.....	Car seals.....	600.00
Carter, Rice & Co.....	Stationery supplies.....	.....
Church & Stephenson.....	Lumber and packing boxes.....	1,000.00
R. P. Clark Co.....	Stationery supplies, brooms, etc.....	200.00
M. G. Copeland.....	Flags.....	2,000.00
Pearre E. Crowl Co.....	Stationery supplies.....	400.00
H. C. Davison.....	do.....	400.00
Densmore Typewriter Co.....	do.....	200.00
Doten-Dunton Desk Co.....	Furniture, carpets, map frames, etc.....	2,000.00
J. H. Duker Box Co.....	Lumber and packing boxes.....	400.00
M. Du Perow.....	Telegraph and hardware material.....	400.00
John G. Elliott.....	Brooms, brushes, soaps, etc.....	400.00
J. C. Ergood Co.....	do.....	400.00
Eureka Rubber Manufacturing Co.....	Plumbers' material.....	200.00
Eberhard Faber.....	Stationery supplies.....	400.00
Geo. D. Feidt & Co.....	Laboratory material.....	400.00
Flint & Walling Manufacturing Co.....	Instruments, towers, etc.....	2,000.00
Julien P. Friez.....	Instruments.....	1,400.00
Geo. J. Fritch.....	Brooms, brushes, soaps, etc.....	100.00
Giddings & Steele.....	Furniture, carpets, etc.....	100.00
Wm. M. Galt & Co.....	Forage.....	4,000.00
Peter Gray & Sons.....	Telegraph and hardware material.....	600.00
Henry J. Green.....	Instruments, towers, etc.....	1,000.00
Emil Greiner.....	Laboratory material.....	600.00
Hammond Typewriter Co.....	Stationery supplies.....	200.00
Louis Hartig.....	Telegraph and hardware material.....	.....
Harvard Laundry Co.....	Washing towels.....	600.00
J. I. Holcomb Manufacturing Co.....	Brooms, brushes, soaps, etc.....	.....
Daniel Hiser.....	Flower pots.....	400.00
W. H. Hoeke.....	Furniture, carpets, etc.....	1,000.00
Chas. Eneu Johnson & Co.....	Stationery supplies, printing, etc.....	600.00
Albert Kahlert & Co.....	Cleaning carpets, etc.....	200.00
William Krafft.....	Laboratory material.....	.....
Wm. Lindeman, doing business as Commercial Stamp Co.....	Stationery supplies.....	200.00
Jas. B. Lambie Co.....	Brooms, brushes, soaps, etc.....	400.00
Lamb & Tilden.....	Stationery supplies.....	200.00
Julius Lansburgh Furniture and Carpet Co.....	Furniture, carpets, maps, frames, etc.....	.....
Philip Lindemeyr.....	Stationery supplies.....	600.00
S. Dana Lincoln, doing business as National Mortar Co.....	Telegraph and hardware material.....	100.00
Mackall Bros.....	Laboratory material, brooms, etc.....	1,600.00
Manhattan Electric Supply Co.....	Telegraph and hardware material.....	2,000.00
F. P. May & Co.....	do.....	200.00
Geo. Meier Co.....	Painters' material.....	100.00
Geo. W. Millar & Co.....	Stationery supplies.....	1,600.00
Francis Millar.....	Painters' material.....	200.00
W. B. Moses & Sons.....	Furniture, carpets, etc.....	1,200.00
Geo. F. Muth & Co.....	Stationery supplies, etc.....	400.00
Robert Murphy.....	Fuel and ice.....	400.00
Edward Mullin.....	Brooms, brushes, soaps, etc.....	.....
National Electric Supply Co.....	Telegraph and hardware material.....	200.00
J. P. Nawrath.....	Stationery, brooms, etc.....	400.00
Oliver Typewriter Co.....	Stationery supplies.....	200.00
Okonite Co.....	Telegraph and hardware material.....	300.00
Old Dominion Paper Co.....	Stationery supplies.....	200.00
D. Frank Parker.....	do.....	2,000.00
Wm. E. Pratt.....	Car seals.....	200.00
Queen & Co. (Incorporated).....	Instruments, towers, etc.....	400.00
Remington Typewriter Co.....	Stationery supplies.....	200.00
Solomon L. Reinhardt.....	do.....	800.00
Hugh Reilly.....	Painters' material.....	200.00
Rudolph, West & Co.....	Brooms, brushes, soaps, etc.....	400.00

GENERAL CONTRACTS FOR ANNUAL SUPPLIES, ETC.—Continued.

Name of contractor.	Nature of contract.	Approximate amount.
Wm. H. Rupp Co. (Incorporated)	Stationery supplies	\$600.00
Standard Oil Co.	Painters' material	
W. L. Swayze	Stationery supplies	4,000.00
W. Silas Sheetz	Laboratory material	200.00
Smith Premier Typewriter Co.	Stationery supplies	200.00
Fred A. Schmidt	Stationery supplies, instruments, etc.	800.00
Schneider Bros.	Instruments, towers, etc.	100.00
Thos. Somerville & Sons	Plumbers' material	400.00
Southern Printers Supply Co.	Stationery supplies	100.00
J. Edw. Turton	Instruments, towers	1,000.00
D. A. Tower	Stationery supplies	
Jas. S. Topham	Furniture, carpets, map frames	800.00
John T. Underwood	Stationery supplies	
Underwood Typewriter Co.	do.	200.00
Valley Paper Co.	do.	600.00
J. T. Walker Sons	Brooms, brushes, soaps, etc.	
Waterbury Battery Co.	Telegraph and hardware material	2,000.00
C. D. Widman & Co.	Furniture, carpets, etc.	200.00
Williams Manufacturing Co.	Stationery supplies	200.00
Whitall, Tatum Co.	Laboratory material	600.00
A. Wilson & Bro.	Coal	200.00
Martin Wiegand	Lumber and packing boxes	
Woodward & Lothrop	Furniture, carpets, map frames	2,000.00
Wm. J. Zeh Co. (Incorporated)	Fuel	6,000.00

